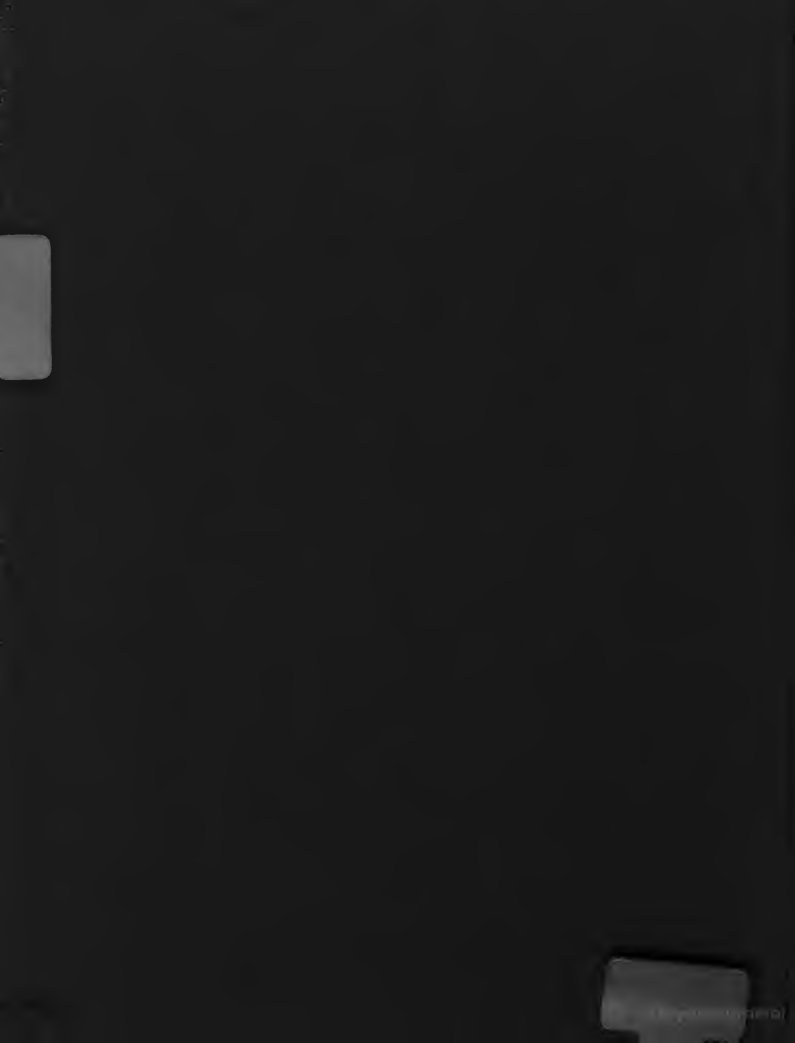


Scientific, Technical, and Related
Societies of the United States

NINTH EDITION



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and related societies of
the USA / 9th ed.

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Preface

Although its title is new, this volume is the ninth edition of the directory that was first prepared in 1927 as *Handbook of Scientific and Technical Societies of the United States and Canada*. Since the first edition, the entries forming the contents of the directory have varied somewhat in character and number. The eighth edition, for example, omitted the traditional section devoted to Canadian societies, which instead were listed in a directory published by the National Research Council of Canada. Furthermore, it excluded organizations not primarily devoted to generally recognized scientific and technical disciplines committed to the study, development, and dissemination of knowledge in their fields of interest. This ninth edition continues these criteria; they are stated under the heading "Scope of Coverage" on the first page of the questionnaire used to gather the data for the directory's listings. Coverage of this edition is somewhat broader than that of its predecessors; it includes newer groups identified with subdivisions of established disciplines, and those that reflect interdisciplinary mergers and the emergence of specialized technical vocations.

For this edition, the Academy engaged Hermer and Company of Washington, D.C. to collect and edit and index the information forming the directory's contents and to prepare it for publication by the National Academy of Sciences. The questionnaire, which was designed and pretested by Hermer and Company for use in the final data-collection phase, is reproduced on pages 189 to 196 of the directory.

Several explanatory notes are in order. Misspelled names may

appear. They reflect editorial inability to read hand-written responses. Titles— "Professor," "Doctor," and so forth— have been omitted. Some responses were incomplete. Whenever possible, omitted information was taken from accompanying literature. No data were taken from previous editions of the directory. State societies considered divisions of a national society are listed on their own merit if they responded directly and met the directory's criteria.

The following qualifying remarks are in order for some entries to explain what may appear to be editorial errors, omissions, or additions. (1) The name of a society as it appears in the directory is exactly as stated by the society's respondent. (2) The directory lists only a society's principal elected officers. In some cases, only a single official is listed if that is appropriate to a particular society's structure. (3) Terms of office or term-expiration dates are as supplied by respondents. (4) A new feature in this edition of the directory is full cross-referencing of former names and mergers. (5) As a rule, geographic and specialty units of a given society are called "divisions" unless the society supplied specific terms such as "section" or "chapter." (6) Although we wished to list only the scientific and technical subdivisions of a society, the names of administrative units also were listed if supplied. (7) "Current volume" information should be interpreted as applying at the time the information was furnished to Hermer and Company (early 1971) rather than at the time of the directory's publication.

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Scientific, Technical, and Related Societies of the United States

ACADEMY CONFERENCE. See ASSOCIATION OF ACADEMIES OF SCIENCE.

ACADEMY OF APPLIED OSTEOPATHY. See AMERICAN ACADEMY OF OSTEOPATHY.

1 ACADEMY OF DENTURE PROSTHETICS. *Address communications to:* Douglas A. Atwood, Secretary-Treasurer, 110 Francis Street, Boston, Mass. 02215. (617) 734-4350. President: Alvin H. Grunewald. President-Elect: Arvin W. Mann. Secretary-Treasurer: Douglas A. Atwood. Term indefinite.

HISTORY AND ORGANIZATION: Originated in 1918 as the National Society of Denture Prosthetists. Name changed to present title in 1940. Incorporated 1940 in the State of Illinois. *Scientific and Technical Committees:* Scientific Program; Editorial and Publications; Nomenclature; Principles, Concepts and Practices; Oral Health; Research and Projects; Public Information and Relations; Current Legislation; Educational and Research Foundation of Prosthodontics. *Relationship with Other Societies:* Founding member of the Federation of Prosthodontic Organizations.

PURPOSE: To (1) promote the science and art of denture prosthetics as a specialty of dentistry; (2) provide for the dissemination of knowledge of the specialty throughout the dental profession; (3) encourage study and investigation of its various phases and related subjects.

MEMBERSHIP: Life, 25 years active fellowship; Active, by invitation only after having made a presentation before the Academy and been an Associate for three years; Associate, by invitation only after having made a presentation before the Academy.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Compiled *The Glossary of Prosthodontic Terms and Principles, Concepts and Practices.*

PUBLICATIONS: *Journal of Prosthetic Dentistry*, monthly, current volume: 25, \$15. Editor: Carl O. Boucher. *Newsletter*, irregular, free to members. Editor: Douglas A. Atwood.

ACADEMY OF ORAL PROPHYLAXIS AND PERIODONTOLOGY. See THE AMERICAN ACADEMY OF PERIODONTOLOGY.

ACADEMY OF PSYCHOANALYSIS. See THE AMERICAN ACADEMY OF PSYCHOANALYSIS, INC.

2 THE ACADEMY OF PSYCHOSOMATIC MEDICINE. 202A Cornelia Street, Plattsburgh, N.Y. 12901. (518) 561-6490. President: John J. Schwab. Term expires November 1971. President-Elect: Sidney Cohen. Secretary: E. Adams Daneman. Term expires November 1971. Treasurer: Melvin Land. Term expires November 1971. Executive Director: Adam J. Krakowski.

HISTORY AND ORGANIZATION: Founded in 1953 in New York City. Incorporated 1964 in Massachusetts. *Scientific and Technical Committees:* Education; Program; Scientific; Research.

PURPOSE: To (1) advance scientific knowledge and relate the practice of medicine and dentistry to the interaction of mind, body, and environment, through study, laboratory and clinical research; (2) cooperate with other workers in these and related disciplines; (3) provide a forum for the presentation and discussion of these problems; (4) publish the results of research; (5) facilitate total and comprehensive care; (6) help the physician or dentist to learn when psychiatric consultation and/or treatment is essential.

MEMBERSHIP: Fellow (1,100), M.D. or scientist or biomedical personnel applying, studying or teaching psychosomatic medicine; Honorary Fellow (4), physicians and others in biomedical or science with meritorious contributions to medical science and psychosomatic medicine.

MEETINGS: Spring and Fall.

PUBLICATIONS: *Psychosomatics*, bimonthly, current volume: 12, \$15. Editor: Wilfred Dorfman.

3 ACOUSTICAL SOCIETY OF AMERICA, INC. 335 East 45th Street, New York, N.Y. 10017. (212) 685-1940. President: Vincent Salmon. Term expires April 1971. President-Elect: John C. Johnson. Administrative Secretary: Betty H. Goodfriend.

HISTORY AND ORGANIZATION: Formally established and held its first meeting on May 10-11, 1929 with a charter membership of about 450. Incorporated 1929 in New York. *Geographic Divisions:* Fourteen. *Scientific and Technical Committees:* Architectural Acoustics; Engineering Acoustics;

Musical Acoustics; Noise; Physical Acoustics; Psychological and Physiological Acoustics; Shock and Vibration; Speech Communication; Underwater Acoustics. *Relationship with Other Societies:* Member of the American Institute of Physics.

PURPOSE: To (1) increase and diffuse the knowledge of acoustics; (2) promote its practical application.

MEMBERSHIP: Fellow (409), conspicuous service or notable contributions to acoustics; Member (2,544), active in acoustics, academic degree in acoustics or equivalent in experience; Associate (1,243) interested in acoustics; Student (437), enrolled in accredited educational institution; Sustaining (55).

MEETINGS: Semiannual (April and November).

PROFESSIONAL ACTIVITIES: *Research:* Coordinating Committee on Environmental Acoustics (recently established).

Educational: Visiting lecturers in acoustics; directory of graduate and undergraduate education in acoustics; survey of manpower needs in acoustics. *Prizes and Awards:* Gold Medal, in odd-numbered years, to a member of the Society, without age limitation, for contributions to acoustics; Biennial Award, in even-numbered years, to a Member or Fellow of the Society under 35 years of age, active in the affairs of the Society who has contributed substantially, through published papers, to the advancement of theoretical or applied acoustics; Wallace Clement Sabine Award, at one to three year intervals, to an individual of any nationality who has furthered the knowledge of architectural acoustics; Pioneers Medal for Underwater Acoustics, once every two years, outstanding contribution to the science of underwater acoustics; Trent-Crede Award, every two years or less frequently, outstanding contribution to the science of mechanical vibration and shock.

PUBLICATIONS: *Journal of the Acoustical Society of America*, monthly, current volume: 49, free to members, \$45 (non-members). Editor: R. Bruce Lindsay.

AERO MEDICAL ASSOCIATION. See AEROSPACE MEDICAL ASSOCIATION.

THE AERO MEDICAL SOCIETY OF THE UNITED STATES. See AEROSPACE MEDICAL ASSOCIATION.

4 AEROSPACE MEDICAL ASSOCIATION. Washington National Airport, Washington, D.C. 20001. (202) 638-2190. President: Ralph L. Christy. Term expires April 1971. President-Elect: Donald G. M. Nelson. Executive Vice President and Secretary-Treasurer: Merrill H. Goodwin. Term indefinite.

HISTORY AND ORGANIZATION: Founded on October 7, 1929 at the Statler Hilton Hotel, Detroit, Michigan as The Aero Medical Society of the United States. Name changed to Aero Medical Association on June 6, 1947 and changed again to its present name on May 9, 1959. Incorporated January 15, 1930 in the District of Columbia. *Specialty Divisions:* Aerospace Industrial Life Sciences; Space Medicine; Biomedical Sciences and Engineering; Aerospace Physiology; Flight Nursing; Undersea Medicine; Civil Aviation Medicine. *Scientific and Technical Committees:* Educational Training; Aviation Safety and Health; Environmental Safety; Science and Technology; International Quarantine and Aviation Operations. *Relationship with Other Societies:* Constituent Divisions of the Association include the Airline Medical Directors Association, Society of the USAF Flight Surgeons, Aerospace Industrial Life Sciences Association, Space Medicine Branch, Biomedical Sciences and Engineering Branch, Aerospace Physiologists Section and Flight Nurse Section. Affiliated Divisions include the Undersea Medical Society and the Civil Aviation Medical Association.

PURPOSE: To (1) advance the science and art of aerospace medicine by stimulating investigation and study, and by dissemination of knowledge; (2) establish and maintain cooperation between the medical and other sciences concerned with aeronautical and astronautical development and progress; (3) promote and maintain safety in aviation and astronautics.

MEMBERSHIP: Regular (5,000), physician or allied scientist working in some aspect of aerospace medicine; Student (15), medical student, intern or resident; Corporate (65), interest in the field; Fellow (234), five years' membership plus above average contributions by practice, precept or example.

MEETINGS: Annual (April-May).

PROFESSIONAL ACTIVITIES: *Research:* Survey of Medical Facilities at Airports, Worldwide; Survival Kits for General Aviation; Continuing Survey on Safety Equipment of General Aviation Aircraft; Air Transportation for Medical Cases and Air Ambulances; Smoking on Aircraft; Environmental Impact of the SST; Non-ionizing Radiation - Radar and Lasers.

Educational: Annual Scientific Meeting with presentation of 175-200 scientific papers and numerous panel discussions and symposia on both research and clinical subjects. *Prizes and Awards:* Theodore C. Lyster Award, annual, outstanding contribution in aerospace medicine; Raymond F. Longacre Award, annual, outstanding contribution in psychological and psychiatric aspects of aerospace medicine; Arnold D. Tuttle Award, annual, significant contribution toward solution of a challenging problem in aerospace medicine; Eric Liljencrantz Award, annual, best research paper on acceleration and altitude problems; Louis H. Bauer Founders Award, annual, most significant contribution in space medicine; Harry G. Moseley Award, annual, outstanding contribution to flight safety; Howard K. Edwards Award, annual, outstanding practice of clinical aviation medicine in airline pilots; Walter M. Boothby Award, annual, outstanding research in health and prevention of disease in airline pilots; John A. Tamisea Award, annual, to outstanding AME contributing most to aviation medicine in general aviation; Julian E. Ward Memorial Award, annual, superior performance and achievement in aerospace medicine during residency training.

PUBLICATIONS: *Aerospace Medicine*, monthly, current volume: 42, \$18 (U.S.), \$20 (Canada and Foreign). Editor: John P. Marbarger. *Aerospace Medical Association Directory*, biennial, \$2.50. Editor: Merrill H. Goodwin.

AFFILIATED ACADEMIES. See ASSOCIATION OF ACADEMIES OF SCIENCE.

5 THE ALABAMA ACADEMY OF SCIENCE. *Address communications to:* G. O. Spencer, President, Route 2, Harvest, Ala. 35749. President: G. O. Spencer. Term expires April 1972. President-Elect: Joseph Thomas. Secretary: Tom Denton. Term expires April 1974. Treasurer: William F. Arendale. Term indefinite.

HISTORY AND ORGANIZATION: Formed 1924 in Mobile, Alabama, Incorporated 1947. *Specialty Divisions:* Biological Sciences; Chemistry; Geology; Forestry; Geography and Conservation; Physics and Mathematics; Industry and Economics; Science Education; Social Sciences; Medical Sciences; Engineering; Anthropology. *Scientific and Technical Committees:* Research; Science Education; Environment, Ecology and Health; Political Action. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science. Alabama Junior Academy of Science part of the Academy.

PURPOSE: To (1) promote the development of interest in scientific matters in the state; (2) provide means for publication of papers and abstracts; (3) provide opportunity for increased cooperation and fellowship among members; (4) cooperate with other organizations having similar aims; (5) render public services in scientific matters; (6) promote interest in and study of science by the youth of Alabama; (7) provide for and award scholarships to deserving youth of Alabama.

MEMBERSHIP: Individual (811), anyone actively engaged in science with a degree or ten years' experience; Collegiate (132), anyone registered as a student in a college or university; Honorary (8); Life (3); Contributing (19); Complimentary (101); Science Club sponsor.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Alabama state science talent search, science fairs. *Prizes and Awards:* Academy Award, to outstanding high school teacher of the year; Junior Academy Award, to outstanding boy and girl member of the Junior Academy; Student Research Awards, monetary awards to college students who present winning papers at the annual meeting.

PUBLICATIONS: *Alabama Academy of Science Newsletter*, irregular, current volume: 18. Editor: Lowell Wilson. *Alabama Academy of Science Journal*, irregular. Editor: Elroy Cull.

6 ALABAMA PHARMACEUTICAL ASSOCIATION. Thomas Jefferson Hotel, 1621 2nd Avenue North, Birmingham, Ala. 35203. (205) 251-8566. President: Charles M. Loftin. Term expires July 1971. President-Elect: James T. Davis. Treasurer: Robert B. Eubanks. Term expires July 1971. Executive Director: Launia L. Thagard. Term indefinite.

HISTORY AND ORGANIZATION: Founded August 11, 1881 in Birmingham, Alabama. Incorporated 1938. *Geographic Divisions:* Fifteen.

PURPOSE: To (1) aid in improving, promoting and safeguarding the public health and welfare in every practical manner; (2) foster and encourage interprofessional relations to the end that pharmacists, physicians and members of other allied professions may contribute to the promotion of the public health and welfare in fullest measure; (3) improve the art and science of pharmacy for the general welfare of the public; (4) assist in providing a system of education and training in the art of pharmacy, calculated to produce competent personnel for all phases of the practice of pharmacy in order to provide the greatest protection for the public at large; (5) support a system of licensure and registration of pharmacists which will assure to the public the availability of competent personnel to discharge the accepted functions of the practice of pharmacy and assure the availability of pharmacists and pharmaceutical services which will provide at all times for the distribution of drugs and medicines under the supervision of qualified pharmacists; (6) encourage competent persons to pursue the practice of pharmacy as a career; (7) develop, maintain and enforce a code of ethics which will assure to the public the highest type of pharmaceutical service, safeguard the professional relations between medical practitioners, pharmacists and patients, and develop intraprofessional relations which will tend to uplift the profession scientifically, spiritually and morally.

MEMBERSHIP: Active (936), Alabama licensed pharmacist of good professional standing; Associate (43), reputable individual, not a pharmacist, who is in work related to pharmacy; Intern (70), pharmacy graduate who is serving his internship.

MEMBERSHIP ACTIVITIES: Legislative and lobbying activities;

liaison with government agencies; guidelines for employment; public relations; collection service.

MEETINGS: Annual (June or July); Membership Seminars (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Economic surveys and studies relating to salaries, hours, benefits and operational costs of pharmacies. *Educational:* Continuing education workshops, seminars and conferences for special areas of practice; Scholarship Foundation provides interest-free loans to pharmacy students. *Prizes and Awards:* Service Trophy, annual; Bowl of Hygieia, annual, for civic work; Local Association Service Trophy, annual; Science Fair Awards for best exhibits in pharmaceutical sciences.

PUBLICATIONS: *Alabama Journal of Pharmacy*, monthly, current volume: 2. Editor: Launia L. Thagard. *Alabama Pharmacist*, irregular. Editor: Launia L. Thagard.

7 AMERICAN ACADEMY OF ARTS AND SCIENCES. 280 Newton Street, Brookline, Mass. 02146. (617) 522-2400. President: Harvey Brooks. Secretary: Denis M. Robinson. Treasurer: Thomas B. Adams. Executive Officer: John Voss.

HISTORY AND ORGANIZATION: Founded during the American Revolution by intellectual leaders prominent in laying the philosophical foundations of the new nation, and in framing its laws, governmental structure, and institutions. John Adams, later to become the second President of the United States, initiated the chain of events that led to its formation. In December 1779 "an Act to incorporate a Society for the cultivation and promotion of Arts and Sciences" was read in the Massachusetts House of Representatives. In May 1780 the Legislature enacted the Charter of the Academy. *Geographic Divisions:* Western Center and Main Offices. *Specialty Divisions:* Class I - Mathematical and Physical Sciences, with Sections on Mathematics, Physics, Chemistry, Astronomy and Earth Sciences, Engineering Sciences and Technologies; Class II - Biological Sciences, with Sections on Molecular Biology, Cellular and Developmental Biology, Physiology and Experimental Psychology, Evolutionary and Environmental Biology, Medicine; Class III - Social Arts and Sciences, with Sections on Social Relations, Economics, Political Science, Law, Public Affairs and Business Administration, Educational and Scientific Administration; Class IV - Humanities, with Sections on Philosophy and Theology, History and Archaeology, Philology and Criticism, Literature, Fine Arts.

PURPOSE: To (1) promote and encourage the knowledge of the antiquities and natural history of America; (2) determine the uses to which the various natural productions of the country may be applied; (3) promote and encourage medical discoveries, mathematical disquisitions, philosophical enquiries and experiments, astronomical, meteorological and geographical observations, and improvements in agriculture, arts, manufacture and commerce; (4) cultivate every art and science which may tend to advance the interest, honor, dignity and happiness of a free, independent and virtuous people.

MEMBERSHIP: Fellow (2,234), citizens or residents of U.S. eminent for discoveries or other attainments in any of the specialty classes (by election only); Foreign Honorary Member (369), citizens of foreign countries eminent for discoveries or other attainments in any of the specialty classes (by election only).

MEETINGS: Monthly.

PROFESSIONAL ACTIVITIES: *Research:* The Assembly on University Goals and Governance; Committee on the History of Biochemistry and Molecular Biology; Committee on the His-

tory of Contemporary Physics; International Centre of Insect Physiology and Ecology; International Studies of Arms Control; Japanese-American Seminar; Pugwash Conferences on Science and World Affairs; Urban Studies; Commission on the Year 2000. *Prizes and Awards*: Amory Prize, every seven years, outstanding work addressed to the alleviation or cure of diseases affecting the human reproductive organs; Rumford Medal, biennial, most important work or useful improvement made during the preceding two years in the fields of heat or light; Emerson-Thoreau Medal, annual, distinguished achievement in the broad field of literature; Research Funds, awarded at the discretion of the committee to support Academy-sponsored projects and study groups.

PUBLICATIONS: *Daedalus*, quarterly, \$7.50. Editor: Stephen R. Graubard. *Bulletin of the American Academy of Arts and Sciences*, monthly. Editor: Alexandra Oleson. *Records of the Academy*, annual. Editor: Susan Perry.

8 THE AMERICAN ACADEMY OF CHILD PSYCHIATRY, INC. 1700 18th Street, N.W., Washington, D.C. 20009. (202) 232-7878. President: Sidney Berman. Term expires October 1971. President-Elect: Albert J. Solnit. Secretary: Joseph D. Noshpitz. Term expires October 1971. Treasurer: Willard D. Boaz. Term expires October 1971. Executive Secretary: Elizabeth Bogan.

HISTORY AND ORGANIZATION: Established February 1952. Incorporated April 1959 in the State of Delaware. *Scientific and Technical Committees*: Adolescence; Community Child Psychiatry; Training; Governmental Action; Health Insurance; Mental Retardation and Learning Disabilities; Prevention; Private Practice; Program; Psychiatric Facilities for Children; Regional Planning; Reference; Research and Child Development; Task Force on the Joint Commission on Mental Health of Children. *Relationship with Other Societies*: Affiliated informally with American Psychiatric Association, American Orthopsychiatric Association, American Medical Association and the American Association of Psychiatric Services for Children; formal liaison with American Academy of Pediatrics, International Association of Child Psychiatry and the Allied Professions, Accreditation Council for Psychiatric Facilities, American Association of Child Care in Hospitals; represented on the Board of the National Congress of Parents and Teachers.

PURPOSE: To stimulate and advance medical contributions to the knowledge and treatment of psychiatric problems of children and families.

MEMBERSHIP: Fellow (379), certified by Child Psychiatry Board plus five years' experience; Active (287), certified, or graduated from approved institute; Affiliate (7), not eligible as Active, contributing to field; Trainee (112), enrolled in approved training center; Corresponding (4), residents of countries outside U.S. and Canada; Life Fellow (53).

MEMBERSHIP SERVICES: Forum for exchange of information; source of information on current activities relevant to the discipline in government and other medical organizations.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: Robinson Memorial Award, annual, scientific article on child psychiatry based on work initiated and completed during two years of specialized training.

PUBLICATIONS: *Journal*, quarterly, current volume: 10, \$12. Editor: Eveleen N. Rexford.

AMERICAN ACADEMY OF DENTAL MEDICINE. See AMERICAN ACADEMY OF ORAL MEDICINE.

AMERICAN ACADEMY OF FAMILY PHYSICIANS. See AMERICAN ACADEMY OF GENERAL PRACTICE.

9 AMERICAN ACADEMY OF FORENSIC SCIENCES. *Address communications to*: James T. Weston, Secretary-Treasurer, 44 Medical Drive, Salt Lake City, Utah 84113. (801) 328-2892. President: Cyril H. Wecht. Term expires March 1972. President-Elect: Douglas M. Lucas. Secretary-Treasurer: James T. Weston.

HISTORY AND ORGANIZATION: Formed 1948 in St. Louis, Missouri. Incorporated April 1955 in Illinois. *Specialty Divisions*: Criminalistics; Forensic Pathology and Biology; Forensic Psychiatry; Questioned Document Examination; Forensic Toxicology; Forensic Odontology; Forensic Ecology; Neutron Activation Analysis; Spectroscopy; Jurisprudence. *Relationship with Other Societies*: Cooperative relationship with the National Association of Medical Examiners, American Society for Testing and Materials, National Safety Council (Committee on Drugs and Alcohol of the Highway Safety Section), British Academy of Forensic Sciences, Canadian Society of Forensic Sciences, International Reference Organization in Forensic Medicine and the American Academy of Forensic Odontology.

PURPOSE: To (1) encourage and elevate the standards and advance the cause of forensic sciences; (2) promote the standardization of scientific techniques, tests and criteria; (3) plan, organize and administer meetings, reports and other projects for the stimulation and advancement of these and related purposes.

MEMBERSHIP: Provisional (275); Member (400); Fellow (500); Corresponding (60). Open to recognized experts in the specialty disciplines of the organization.

MEETINGS: Annual (February or March).

PROFESSIONAL ACTIVITIES: *Educational*: Annual scientific sessions to which students in degree granting colleges and universities are invited; speakers and lecturers; curriculum development services.

PUBLICATIONS: *Journal of Forensic Sciences*, quarterly, current volume: 16, \$40. Editor: Norton Mason. *Newsletter*, quarterly, current volume: 14, members only. Editor: Werner Apty.

10 AMERICAN ACADEMY OF GENERAL PRACTICE. Volker Boulevard at Brookside, Kansas City, Mo. 64112. (816) 531-0377. Chairman of the Board: James L. Grobe. Term expires October 1971. President: William E. Lotterhos. Term expires October 1971. President-Elect: J. Jerome Wildgen. Treasurer: Julius Michaelson. Term expires October 1971. Executive Director and General Counsel: Mac F. Cahal. Term indefinite.

HISTORY AND ORGANIZATION: Founded in June 1947 in Atlantic City as the American Academy of General Practice. Incorporated 1947 in Illinois. Name to be changed to American Academy of Family Physicians in October 1971. *Geographic Divisions*: Fifty-three. *Scientific and Technical Committees*: Commissions on Education, Environmental Medicine, Hospitals, Legislation and Public Policy, Membership and Credentials; Committees on Awards, Cancer, Clinical Investigation, Constitution and Bylaws, International Affairs, Medical Economics, Mental Health, Public Relations, Publications, Scientific Program, Indian Health, Health Manpower.

PURPOSE: To (1) promote and maintain the highest standards of

general practice; (2) encourage medical students to become qualified family doctors; (3) preserve the general practitioner's right to practice medicine to the full extent of his ability; (4) provide postgraduate training opportunities for the family doctors; (5) advance the science of medicine and the nation's health and welfare; (6) preserve the right of free choice of physician to the patient.

MEMBERSHIP: Active (27,302), practicing physicians engaged in general practice; Sustaining (265), members who have ceased active practice; Associate (1,734), interns and residents; Student Affiliate (1,973), medical students.

MEMBERSHIP SERVICES: Public relations program; information and assistance on practice in hospitals.

MEETINGS: Annual (September or October).

PROFESSIONAL ACTIVITIES: *Research:* Undergraduate, graduate and continuing education for family physicians; effective utilization of medical assistants; methods for improving delivery of medical services; use of new equipment and systems in delivery of medical services. *Educational:* Courses in practice organization management; continuing education programs conducted by state chapters in cooperation with medical schools, hospitals, etc.; twelve \$1,200 annual scholarship awards for residents in family practice. *Prizes and Awards:* Meritorious Certificates, to persons who have had an impact on family medicine; Commendation Awards, to people in the communications industry for outstanding efforts on behalf of family medicine; Journalism Awards (\$1,000, \$750 and \$250), based on competition for excellence in newspaper writing and reporting on family medicine and health care and the role of the family doctor.

PUBLICATIONS: *American Family Physician*, monthly, current volume: 3, \$10 (U.S.), \$14.50 (Canada and other countries). Editor: John Rose.

11 AMERICAN ACADEMY OF IMPLANT DENTISTRY. *Address communications to:* Samuel P. Weber, Secretary, 30 Central Park South, New York, N.Y. 10019. (212) PL3-3256. President: Gerald D. Northcutt. Term expires October 1971. President-Elect: Irwin E. Zimmerman. Secretary: Samuel P. Weber. Term expires October 1971. Treasurer: Theodore C. Lee.

HISTORY AND ORGANIZATION: Founded in Chicago, Illinois in February 1952. Incorporated in Minnesota in October 1952. Name changed from American Academy of Implant Dentures to present form in 1966. *Geographic Divisions:* Four affiliated districts. *Scientific and Technical Committees:* Nomenclature; Research and Education; Implant Registry; Implantable Material (Ad Hoc); Research on Dental Materials in Oral Implantology.

PURPOSE: To (1) advance the science of implant dentistry in all its phases; (2) assist those who are seeking improvement and education in this type of oral reconstruction; (3) encourage research; (4) aid in the development of scientific artificial denture procedures with a view to improving the health and comfort of patients; (5) promote a high standard of ethics in professional relations between our members as well as between them and their patients; (6) do all permitted by law to promote the welfare of the dental profession and the general public.

MEMBERSHIP: Active (153), member of the dental profession in good standing in local and state dental societies and in the American Dental Association (or equivalent foreign organization) who has completed one full arch subperiosteal implant or six endosseous implants on different patients; Honorary (9),

retired dental, medical or related professionals who have distinguished themselves and made contributions to the field of implant dentistry; Life (6), 20 years active membership in the Academy and retired from active practice; Supporting (245), members of the American Dental Association interested in implant dentistry with insufficient experience in the field; Provisional (23), applicants for Active membership who have completed entrance requirements, passed oral and written examinations, and are awaiting election to the Academy after one year of probationary membership; Affiliate (30), dentists of other countries interested in implant dentistry.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Courses in implant dentistry conducted by individual active members of the Academy, but which are not sponsored by the Academy.

PUBLICATIONS: *Journal of Prosthetic Dentistry*, monthly, current volume: 25, \$18.50. Editor: C. O. Boucher. *Oral Implantology*, quarterly, current volume: 1, \$10. Editor: Norman Cranin.

AMERICAN ACADEMY OF IMPLANT DENTURES. See AMERICAN ACADEMY OF IMPLANT DENTISTRY.

12 THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY. *Address communications to:* Byron C. Pevehouse, Secretary-Treasurer, 2001 Union Street, San Francisco, Calif. 94123. (415) 922-4665. President: William B. Scoville. Term expires September 1971. President-Elect: Robert L. McLaurin. Secretary-Treasurer: Byron C. Pevehouse. Term expires September 1972.

HISTORY AND ORGANIZATION: Founded 1938 in Cincinnati, Ohio. *Relationship with Other Societies:* Represented on the Board of Directors of the American Association of Neurological Surgery, Council for Section on Neurological Surgery of the American Medical Association and the World Federation of Neurological Societies.

PURPOSE: To (1) promote scientific and social discourse among its members; (2) foster neurological surgery as a specialized branch of medicine; (3) promote the knowledge and skill of those who devote themselves to neurological surgery in accordance with the high ideals of the medical profession.

MEMBERSHIP: Active (84), active practice of neurological surgery in United States or Canada; Senior (22), Active members aged 60 years; Corresponding (11), eligible for Active membership, because of geographic position cannot regularly attend meetings.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Academy Award, annual, original research work in the neurological sciences.

PUBLICATIONS: *The Neurosurgeon*, annual, current volume: 31.

13 AMERICAN ACADEMY OF NEUROLOGY. 4005 West 65th Street, Minneapolis, Minn. 55435. (612) 920-3636. President: Joe R. Brown. Term expires 1973. President-Elect: Gilbert Glaser. Secretary-Treasurer: Nelson G. Richards. Term expires 1973. Executive Secretary: Stanley A. Nelson.

HISTORY AND ORGANIZATION: Founded 1948, Incorporated the same year in Minnesota. *Specialty Divisions:* Child Neurology; Neuroanatomical Sciences; Neurochemistry; Neuroepidemiology. *Scientific and Technical Committees:* Aviation Problems; Drug Addiction; Ethics; Inter-American Affairs; Neurology in Governmental Services and Institutions;

Private Practice of Neurology; Problems of Mental Retardation.

PURPOSE: To stimulate the growth and development of clinical neurology and clinical neurologists.

MEMBERSHIP: Junior (1,194), residents in clinical neurology; Active (762), certified by the American Board of Psychiatry and Neurology or Royal College of Physicians and Surgeons of Canada; Fellow (469), individuals who have distinguished themselves in the field of neurology; Associate (1,096), in fields related to neurology; Honorary (6), U.S. citizens of special recognition; Honorary Corresponding (41), recognized foreign neurologists; Senior (88), retired from active participation or practice.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Sixteen special courses given at annual meeting. *Prizes and Awards:* Medical Student Essay Award, annual; S. Weir Mitchell Award, annual.

PUBLICATIONS: *Neurology*, monthly, current volume: 21, \$16. Editor: Russell N. DeJong. *Membership Directory*, biennial.

14 AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY. 15 Second Street, S.W., Rochester, Minn. 55901. (507) 288-7444. President: A. Edward Maumenee. Term expires December 1971. President-Elect: Howard P. House. Executive Secretary-Treasurer: C. M. Kos. Term expires December 1971.

HISTORY AND ORGANIZATION: Organized in 1896 as the Western Ophthalmological, Otolaryngological and Rhinological Association. Name changed to Western Ophthalmologic and Otolaryngologic Association in 1899 and to present title in 1903. *Specialty Divisions:* Ophthalmology; Otolaryngology. *Scientific and Technical Committees:* Hearing and Equilibrium; Drugs; Eye Banks; Laryngeal and Voice Physiology; Ophthalmic Pathology; Otolaryngic Pathology; Prosthetic Devices; Reconstructive Plastic Surgery; Research in Otolaryngology; Scientific Exhibits; Standardization of Tonometers; Surgery of the Head and Neck; Teachers' Section in Otolaryngology.

PURPOSE: To (1) promote and advance the science and art of medicine appertaining to the eye, ear, nose and throat; (2) encourage the study of the relationship of these specialties to surgery, general medicine and hygiene.

MEMBERSHIP: Active (7,331), M.D. degree, certification by a national examining and certifying body acceptable to the Council in Ophthalmology, Otolaryngology; Life (2,017), automatic after 25 consecutive years in good standing; Inactive (203), reason of physical infirmity or retirement from practice; Associate (52), elected from those in fields allied to ophthalmology and otolaryngology, proposed by two Active Fellows; Honorary (22), anyone who has signally aided the progress of medicine in its relation to the diseases of the eye, ear, nose or throat.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Educational trust fund; scientific exhibits. *Prizes and Awards:* Awards for research in otolaryngology.

PUBLICATIONS: *Transactions*, bimonthly, current volume: 75, \$4 per issue. Editor: W. Howard Morrison. *Perceiver*, irregular, current volume: 1. Editor: W. Howard Morrison. *American Orthoptic Journal*, annual, current volume: 20. Editor: Webb Chamberlain.

15 AMERICAN ACADEMY OF ORAL MEDICINE. Address communications to: Gunter Schmidt, Secretary, 225 South

Meramec Avenue, Clayton, Mo. 63105. (314) 727-2420. President: A. James Kershaw, Jr. Term expires May 1971. President-Elect: Norton M. Ross. Secretary: Gunter Schmidt. Term indefinite. Treasurer: Leon Herschfus. Term indefinite.

HISTORY AND ORGANIZATION: Founded in New York City in 1946. Incorporated in New York State as American Academy of Dental Medicine. Name changed to American Academy of Oral Medicine in 1966. *Geographic Divisions:* Five sections. *Scientific and Technical Committees:* Oral Medicine; Medical-Dental Relations; International Education in Oral Medicine; Federal Services; Education and Speakers. *Relationship with Other Societies:* Sponsors the Board of Oral Medicine.

PURPOSE: To (1) promote the study and dissemination of knowledge of the cause, prevention and control of diseases of the teeth, their supporting structures and adnexa and related subjects; (2) foster and promote a better scientific understanding between the fields of dentistry and medicine in relation to oral medicine.

MEMBERSHIP: Active (545), a dentist in good standing in the American Dental Association or other recognized dental association and graduated at least five years or physician in good standing in the American Medical Association who has shown special interest in oral medicine; Associate (26), eligible for Active membership, but graduated less than five years; Honorary (28), outstanding contribution to oral medicine on nomination by Awards Committee and approval by Board of Trustees and General Assembly; Fellow (30), member nominated by Awards Committee for outstanding contribution to Academy; Retired (6), member in good standing for at least ten years, retired from active practice; Life (12), member in good standing for at least 15 years, 65 years of age, retired from active practice, outstanding service to the Academy; Student (8), dentist or physician otherwise eligible for Active membership who is enrolled as full time postgraduate or graduate student, resident or intern.

MEETINGS: Annual (April, May or June); Interim (December).

PROFESSIONAL ACTIVITIES: *Research:* Oral medicine and the total being: wound repair and healing in oral medicine; oral medicine in preventive care. *Prizes and Awards:* Samuel Charles Miller Award, annual, for outstanding research in oral medicine as reported in original paper at annual meeting.

PUBLICATIONS: *Journal of Oral Medicine*, quarterly, current volume: 26, \$8 (members), \$4.50 (students), \$8.50 (foreign). Editor: Alexander Soberman. *Newsletter of American Academy of Oral Medicine*, quarterly, members only. Editor: Sheldon J. Ross.

16 AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS. 430 North Michigan Avenue, Chicago, Ill. 60611. (312) 822-0970. President: George T. Aitken. Term expires March 1971. President-Elect: John J. Hinchey. Secretary: William F. Donaldson. Term expires January 1975. Treasurer: Walter A. Hoyt, Jr. Term expires January 1974. Director: Charles V. Illek.

HISTORY AND ORGANIZATION: Founded October 11, 1931 in Chicago, Illinois. Incorporated January 20, 1948 in Illinois. *Geographic Divisions:* Eleven regions. *Scientific and Technical Committees:* Adult Orthopaedics; Arthritis; Audio Visual Education; Basic Science; Biomedical Engineering; Continuing Education; Examination and Evaluation; Committee on the Foot; Graduate Education; Care of the Handicapped Child; Injuries; Instructional Courses; Orthopaedic Rehabilitation; Public Education; Scientific Exhibits; Sports Medicine; Under-

graduate Education; Visual and Communications Aids; Delivery of Orthopaedic Services; Planning and Development; Publications.

PURPOSE: To advance orthopaedic surgery through research and teaching.

MEMBERSHIP: Fellowship (3,798), limited to physicians practicing orthopaedic surgery exclusively; Associate (2); Associate, Allied Specialties (1); Honorary (47); Corresponding (45); Emeritus (368); Reciprocal (111). Requirements vary for categories other than Fellowship.

MEMBERSHIP SERVICES: Relative Value Scale; Result Evaluation Guides; professional liability review; implant standards; coding procedures; movies and sound-slide programs; clinical services review; liaison with other medical groups, some non-medical groups and government.

MEETINGS: Annual (January, February or March).

PROFESSIONAL ACTIVITIES: *Research:* Core curriculum for the undergraduate medical student; manpower study questionnaire to half of membership; membership profile of entire membership; research in medical education (Orthopaedic In-Training Examination). *Educational:* Emergency Care Courses, annual 3-4 day courses in many cities; Academy Courses, annual 3-4 day courses sponsored by committees of the Academy on variety of orthopaedic subjects, 17 scheduled for 1971. *Prizes and Awards:* Awards for Orthopaedic Research, annual, three of \$1,500 each, sponsored by Kappa Delta Sorority.

PUBLICATIONS: *Bulletin*, quarterly, current volume: 19. Editor: Mark B. Coventry. *Annual Report* - AAOS, annual, current volume: 38. *Directory of the American Academy of Orthopaedic Surgeons*, annual, current volume: 38, \$2.75.

17 AMERICAN ACADEMY OF OSTEOPATHY. P.O. Box 13354, Fort Worth, Tex. 76118. (817) 284-0831. President: Arden L. Findlay. Term expires November 1971. President-Elect: John P. Goodridge. Secretary: Sara E. Sutton. Term expires November 1971. Treasurer: Donald E. Woods. Term expires November 1971. Business Office Manager: Jacqueline Bynum.

HISTORY AND ORGANIZATION: Originated July 6, 1937 in Chicago, Illinois as the Section of Manipulative Therapeutics of the American Osteopathic Association. In 1938 name changed to Osteopathic Manipulative Therapeutic and Clinical Research Association. Incorporated in 1944 as the Academy of Applied Osteopathy. In 1970 name changed to present form. *Geographic Divisions:* Ten. *Scientific and Technical Committees:* Education; Hospital Assistance; College Assistance; Louisa Burns Clinical Observation; Structural Consultation. *Relationship with Other Societies:* Affiliated society of the American Osteopathic Association. The Cranial Academy and Undergraduate Academies in each osteopathic college are component societies of the Academy.

PURPOSE: To (1) develop the science and art of osteopathic management in total health care; (2) arrange programs to improve the manipulative skills of the individual doctor of osteopathy; (3) search out members of the profession who have developed successful manipulative methods, to analyze these methods and formulate means of effectively teaching them; (4) publish original papers for the Academy membership; (5) promote the formation of an effective committee on osteopathic principles in every osteopathic hospital; (6) do all and everything necessary, suitable, convenient or proper for the accomplishment of any of these purposes.

MEMBERSHIP: Regular (720), osteopathic physicians licensed to

practice; Associate (70), students in osteopathic colleges and interns in hospitals; Honorary (34), special honor.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Louisa Burns Clinical Observation Committee records via video tape methods of treatment to be used in teaching osteopathic medicine. *Educational:* Mobile seminars; visiting clinician lecture program for undergraduates; hospital seminars; fellowship program. *Prizes and Awards:* Andrew Taylor Still Medallion of Honor, exceptional understanding and application of osteopathic principles; Academy Lecturer Award, annual, reflects the stature of the lecturer in such fields as education, research, clinical practice, professional management and allied categories of activity; Yearbook Dedication Award, annual, service rendered to the public, profession or Academy in the field of osteopathy; Honorary Life Membership, meritorious service to the osteopathic profession by members in good standing for 25 consecutive years.

PUBLICATIONS: *Newsletter*, irregular, current volume: 1. *Yearbook of Selected Osteopathic Papers*, annual, free to members, \$5 (nonmembers). Editor: Margaret W. Barnes. *Directory*, annual.

18 AMERICAN ACADEMY OF PEDIATRICS. 1801 Hinman Avenue, Evanston, Ill. 60204. (312) 869-4255. President: R. James McKay, Jr. Term expires October 1971. Executive Director: Robert G. Frazier. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1930. Incorporated 1930 in Illinois. *Geographic Divisions:* Twelve, with state and county chapters. *Specialty Divisions:* Allergy; Anesthesiology; Cardiology; Child Development; Community Pediatrics; Diseases of the Chest; Military Pediatrics; Pediatric Pharmacology; Surgery. *Scientific and Technical Committees:* Disaster and Emergency Medical Care; Drugs; Environmental Hazards; Fetus and Newborn; Hospital Care; Indian Health; Infectious Diseases; International Child Health; Medical Education; Neoplastic Diseases; Nutrition; Radiology; Child Health; Accident Prevention; Adoptions and Dependent Care; Physical Fitness, Recreation and Sports Medicine; Children with Handicaps; Infant and Pre-school Child; School Health; Youth; Community Health Services; Pediatric Manpower; Standards of Child Health Care; Third Party Payment Plans; Urology. *Relationship with Other Societies:* Fiscal agent of Joint Council of National Pediatric Societies.

PURPOSE: To (1) foster and stimulate interest in pediatrics and correlate all aspects of the work for the welfare of children which properly come within the scope of pediatrics; (2) establish and maintain the highest possible standards for pediatric education in medical schools and hospitals, pediatric practice and research; (3) perpetuate the history and best traditions of pediatric practice and ethics; (4) maintain the dignity and efficiency of pediatric practice in its relationship to public welfare; (5) promote publications and encourage contributions to medical and scientific literature pertaining to pediatrics.

MEMBERSHIP: More than 11,000 pediatric specialists. Regular, Affiliate, Life, Emeritus and Surgical Fellow, residents of Americas, graduates of approved medical school and certified by appropriate specialty board; Candidate Fellow, graduates of approved medical school, but not yet certified by American Board of Pediatrics.

MEETINGS: Annual (Fall); regional Spring Sessions.

PROFESSIONAL ACTIVITIES: *Educational:* Postgraduate courses, residency fellowship grants. *Prizes and Awards:* Grullee Award, annual, outstanding service to Academy;

Borden Award, annual, microbiology; E. Mead Johnson Awards, annual, microbiology; Ladd Medal, annual, surgery; C. Anderson Aldrich Award, annual, child development; Bret Ratner Award, annual, allergy.

PUBLICATIONS: *Pediatrics*, monthly, current volume: 47, 512 (members). Editor: Clement A. Smith.

19 THE AMERICAN ACADEMY OF PERIODONTOLOGY.

211 East Chicago Avenue, Chicago, Ill. 60611. (312) 787-5518. President: Robert Gottsegen. Term expires October 1971. President-Elect: Erwin M. Schaffer. Secretary: Henry M. Swenson. Term expires October 1971. Treasurer: Richard E. Stallard. Term expires October 1971. Executive Secretary: Marilyn C. Holmquist.

HISTORY AND ORGANIZATION: Originated February 21, 1914 in Cleveland, Ohio as the Academy of Oral Prophylaxis and Periodontology. In 1919, name changed to present one. Incorporated 1934 in Michigan. In 1967, merged with the American Society of Periodontists, with the American Academy of Periodontology the surviving organization. *Geographic Divisions*: Ten regional organizations. *Scientific and Technical Committees*: Education; Research in Periodontology; Research in Periodontal Pathology; Public and Professional Relations; Publications.

PURPOSE: To advance the art and science of periodontology and, by its application, improve the oral health of the public.

MEMBERSHIP: Active (1,069), dentist licensed to practice in the U.S. or Canada, member of the American Dental Association, National Dental Association or the Canadian Dental Association and a qualified specialist in periodontics; Associate (377), dentist who is resident of the U.S. or Canada, member in good standing of the American Dental Association, the National Dental Association or the Canadian Dental Association, and an interested nonspecialist in the art and science of periodontology; Academic (1), scientist with a Ph.D. or its equivalent other than the dental degree, resident of the U.S. or Canada; Affiliate (654), dentist licensed to practice in the U.S. or Canada and member of the American Dental Association, the National Dental Association, the Canadian Dental Association, or another recognized national dental association, who is continuously enrolled in a formal training program in periodontics; Nonresident (122), dentist who is member in good standing of a recognized national dental association, nonresident of the U.S. or Canada, in limited periodontal practice or holds an important teaching position or has made a noteworthy contribution to periodontics; Honorary (12), person who has made outstanding contributions to the art and science of periodontology.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Gold Medal Award, honors men of dental science who have made outstanding contributions to the understanding and treatment of periodontal diseases; Balint Urban Prize, \$200, best research paper by a graduate student in periodontics during annual meeting.

PUBLICATIONS: *Journal of Periodontology*, monthly, \$20 (practitioners), \$15 (dental students). Editors: Henry M. Goldman, Timothy J. O'Leary.

20 AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION.

30 North Michigan Avenue, Chicago, Ill. 60602. (312) 236-9512. President: Glenn Gullickson, Jr. Term expires November 1971. President-Elect: Arthur S. Abramson. Secretary: Robert W. Boyle. Term indefinite. Treasurer:

Arthur A. Rodriguez. Term indefinite. Executive Director: Creston C. Herold.

HISTORY AND ORGANIZATION: Founded in 1938 as the Society of Physical Therapy Physicians. Incorporated September 1939 in Chicago, Illinois. Name changed to American Society of Physical Medicine in 1944 and to present name in 1956. *Scientific and Technical Committees*: Equipment and Facilities; Medical Practice; Scientific Program; Graduate Education. *Relationship with Other Societies*: The American Board of Physical Medicine and Rehabilitation is the certifying board for the Academy.

PURPOSE: To promote the art and science of medicine and the betterment of health through an understanding and utilization of physical medicine and rehabilitation.

MEMBERSHIP: Active (640), must be a Diplomate of the American Board of Physical Medicine and Rehabilitation; Associate (63), must pass Part I of the examination of the American Board of Physical Medicine and Rehabilitation; Senior, member in good standing for 15 years who has retired from active practice by reason of age or permanent disability; Corresponding, must reside in a country outside the U.S. and Canada in which he is legally qualified to practice medicine, and must have training and experience comparable to that of a Diplomate of the American Board of Physical Medicine and Rehabilitation; Honorary, must have done work in physical medicine and rehabilitation so outstanding that he has become renowned nationally or internationally, or must have made some unique contribution to the field of physical medicine and rehabilitation.

MEMBERSHIP SERVICES: Placement service for physiatrists.

MEETINGS: Annual (late Summer or early Fall).

PROFESSIONAL ACTIVITIES: *Research*: Cosponsors the Commission on Education in Physical Medicine and Rehabilitation. *Educational*: Cosponsors four to six graduate courses per year which are offered on a regional basis. *Prizes and Awards*: Walter J. Zeiter Lecture, person selected to give this annual lecture at the annual meeting of the Academy is chosen because of some outstanding contribution to medical practice.

PUBLICATIONS: *Archives of Physical Medicine and Rehabilitation*, monthly, current volume: 52, \$15. Editor: Paul A. Nelson.

21 THE AMERICAN ACADEMY OF PSYCHOANALYSIS,

INC. 40 Gramercy Park North, New York, N.Y. 10010. (212) 477-4250. President: Eric D. Wittkower. Term expires May 1971. President-Elect: Irving Bieber. Secretary: Jean Baker Miller. Term expires May 1973. Treasurer: Morton B. Cantor. Term expires May 1972. Executive Secretary: Charlotte Bruskin.

HISTORY AND ORGANIZATION: Founded April 29, 1956 in Chicago, Illinois as the Academy of Psychoanalysis. Incorporated 1956 in New York State. Name changed to present form in 1966. *Scientific and Technical Committees*: Liaison with other Scientific Organizations; Psychoanalysis and Mental Health; Psychoanalytic Education; Research.

PURPOSE: To (1) develop communication among psychoanalysts and their colleagues in other disciplines in science and in the humanities; (2) constitute a forum for inquiry into the phenomena of individual motivation and social behavior; (3) encourage and support research in psychoanalysis; (4) foster the acceptance of psychoanalysis and its integration in universities; (5) advance the interests of psychoanalysis in all other respects.

MEMBERSHIP: Fellow (600), M.D. degree, graduates of psycho-

analytic institute; Scientific Associate (90), scientists in disciplines allied to psychoanalysis who have made contributions to their fields and who are not engaged in full-time private practice.

MEETINGS: Semiannual (May and October).

PROFESSIONAL ACTIVITIES: *Research:* Studies on dreams, violence, power. *Prizes and Awards:* Frieda Fromm-Reichmann Award, annual, distinguished work in the field of research on schizophrenia; William V. Silverberg Memorial Lecture, annual.

PUBLICATIONS: *Science and Psychoanalysis*, irregular, current volume: 17. Editor: Jules H. Masserman. *The Academy*, quarterly, current volume: 14. Editor: David Shainberg.

AMERICAN ACADEMY OF SPEECH CORRECTION. See AMERICAN SPEECH AND HEARING ASSOCIATION.

22 THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION. University of Kentucky, Lexington, Ky. 40503. (606) 258-5688. President: Jimmie S. Hillman. Term expires August 1971. President-Elect: Vernon Ruttan. Secretary-Treasurer: John C. Redman. Term indefinite.

HISTORY AND ORGANIZATION: Originated in 1910 as the American Farm Management Association. Became the American Farm Economic Association in 1918. Present name adopted in 1968. Incorporated in Iowa in 1968. *Specialty Divisions:* Student Section, *Scientific and Technical Committees:* Economic Statistics; Editorial; Professional Activities.

PURPOSE: To further the development of systematic knowledge of agricultural economics for the purpose of improving agriculture and agriculture's contribution to the general economy.

MEMBERSHIP: Regular (4,000); Junior (200); Sustaining (40). Open to anyone interested in economics of agriculture.

MEETINGS: Semiannual (August, December).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Best three dissertations (Ph.D.), annual; best three theses (Masters), annual; best three research publications, annual; best journal article, annual.

PUBLICATIONS: *American Journal of Agricultural Economics*, five issues per year, current volume: 53, \$25. Editor: Varden Fuller.

23 AMERICAN ANTHROPOLOGICAL ASSOCIATION. 1703 New Hampshire Avenue, N.W., Washington, D.C. 20009. (202) 232-8800. President: Charles Wagley. Term expires November 1971. President-Elect: Anthony F. C. Wallace. Executive Director: Edward J. Lehman. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1899. Incorporated 1902 in Washington, D.C. Reorganized 1947. *Scientific and Technical Committees:* Ethics; Minority Participation; Program Policy; Status of Women. *Relationship with Other Societies:* Member of the American Council of Learned Societies.

PURPOSE: To (1) advance the science of anthropology in all its branches and further the professional interest of American anthropologists; (2) foster and support the development of special anthropological societies organized on a regional or functional basis; (3) publish and promote the publication of anthropological monographs and journals; (4) encourage anthropological research; (5) act to coordinate activities of members of the Association with those of other organizations concerned with anthropology; (6) maintain effective liaison with related sciences and their organizations.

MEMBERSHIP: Fellow (1,703), Doctorate or equivalent degree in anthropology; Foreign Fellow (58), Doctorate or equivalent degree in anthropology; Voting (3,175), professional interest in anthropology; Corresponding (2,009), scholarly interest in anthropology; Retired (72).

MEMBERSHIP SERVICES: Employment service.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Anthropology curriculum study project; specialty survey for editor and book review editor of the *American Anthropologist*; membership survey. *Prizes and Awards:* Distinguished Lecturer, annual, presented at annual meeting, lecture published in *Bulletin*, highest intellectual honor; Stirling Award, annual, culture-personality studies award; Kidder Award, triennial, eminence in American archaeology.

PUBLICATIONS: *American Anthropologist*, bimonthly, current volume: 73, \$25. Editor: Laura Bohannan. *Newsletter*, monthly (except July and August), current volume: 12, \$5. Editor: Nathalie F. S. Woodbury. *Bulletin*, 3 issues per year, current volume: 4, \$5. Editor: Nathalie F. S. Woodbury. *Employment News*, quarterly, current volume: 1, \$3. *Anthropological Studies*, irregular. Editor: Paul J. Bohannan.

THE AMERICAN ASSOCIATION FOR ADVANCEMENT OF PHYSICAL EDUCATION. See AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION.

24 AMERICAN ASSOCIATION FOR AUTOMOTIVE MEDICINE. 801 Green Bay Road, Lake Bluff, Ill. 60044. (312) 234-6330. President: Richard C. Schultz. Term expires 1971. President-Elect: Richard E. Marland. Secretary: James L. Weygandt. Term indefinite. Treasurer: Louise Fisher. Term indefinite. Executive Secretary: Albert Carriere. Term indefinite.

HISTORY: Organized 1957. Incorporated in Florida.

PURPOSE: To (1) encourage and promulgate the development of highway and transportation safety; (2) sponsor and support research and development programs leading to better bio-engineering of motor vehicles; (3) encourage and sponsor laws and regulations to improve the standards for licensing of drivers; (4) encourage the use of appropriate protective devices in motor vehicles to increase the safety of drivers, passengers and pedestrians; (5) support and encourage research in the effects of diseases, disabilities and environmental factors on driver capabilities; (6) encourage and promote the growth and dissemination of new knowledge in the field of traffic and vehicular safety.

MEMBERSHIP: Active, physicians and non-physicians with scientific training and experience in paramedical, engineering or related mechanical or technical fields whose interests correspond with the purposes of the Association; Associate, physicians and scientists in training in areas of interest paralleling the purposes of the Association; Sustaining; Honorary, individuals who have distinguished themselves through outstanding contributions in the field of automotive safety and have shown a dedication to the purposes for which the Association exists and through whose efforts and contributions the objectives of the Association are enhanced.

MEETINGS: Annual (Fall).

PUBLICATIONS: *AAAM Quarterly*, quarterly, current volume: 2, \$5. Editor: Donald F. Huelke. *Proceedings of Annual Meetings*, annual, \$5. Editor: Donald F. Huelke.

25 AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC. *Address communications to:* Hugh J. Creech, Secretary-Treasurer, 7701 Burholme Avenue, Philadelphia, Pa. 19111. (215) F12-1000. President: James F. Holland. Term expires April 1971. Secretary-Treasurer: Hugh J. Creech. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1907 in Washington, D.C. and incorporated in New York State in 1940. *Geographic Divisions:* Two. *Scientific and Technical Committees:* Environmental Carcinogenesis; Food and Drug Regulations; Editorial; Policy; Program. *Relationship with Other Societies:* Cancer Research, Inc. is a subsidiary organization.

PURPOSE: To (1) bring together active investigators of the cancer problem for presentation and discussion of new or significant observations; (2) foster research in cancer and other phenomena of growth.

MEMBERSHIP: Active (1,453), residents of the Americas with at least two years' research resulting in publications relevant to cancer; Corresponding (98), qualified persons not residents of the Americas; Emeritus (85), Active members at least ten years, 65 years of age; Honorary (10), distinguished scientists, significant contributions to cancer research.

MEETINGS: Annual (usually April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* G.H.A. Clowes Memorial Lecture, sponsored by Eli Lilly and Company and the Association, annual.

PUBLICATIONS: *Cancer Research*, monthly, current volume: 31, \$50 (libraries and nonmembers), \$12.50 (members). Editor: Sidney Weinhouse. *Proceedings of the American Association for Cancer Research*, annual, current volume: 12, included with all subscriptions to *Cancer Research*. Editor: Sidney Weinhouse.

26 AMERICAN ASSOCIATION FOR CONTAMINATION CONTROL. 6 Beacon Street, Boston, Mass. 02108. (617) 272-0760. President: G. Briggs Phillips. Term expires May 1972. President-Elect: Robert D. Peck. Secretary: J. William Battis. Term expires May 1971. Executive Secretary: William Maloney.

HISTORY AND ORGANIZATION: Established in Tempe, Arizona in 1960. Incorporated in Michigan in 1961. *Geographic Divisions:* Fourteen. *Scientific and Technical Committees:* Bio-Sciences; Codes and Standards; Design Construction and Operation; Garments and Laundry; Particle Monitoring; Nuclear Energy; Publications; Technical Information.

PURPOSE: To (1) promote the technology of contamination control in closed systems of gases and liquids, and engage in research in related fields of contamination control; (2) promote the exchange of ideas and information with allied technologists and technical engineering societies; (3) encourage research, education, and original work in the field of contamination control to the end that the knowledge, skills, and abilities of the members of the Association may thereby be enhanced; (4) bring together in annual educational congress all persons interested in the field of contamination control; (5) hold educational meetings from time to time, for the presentation of papers, the discussion thereof, and other work pertaining to the field of contamination control; (6) hold exhibits from time to time pertaining to the field of contamination control; (7) offer honors and awards to encourage the advancement of the technology of contamination control; (8) sponsor, publish or issue a journal, a periodical, papers and reports disseminating knowledge of value to technologists, engineers, and scientists concerned with contamination control; (9) cooperate closely

with government, industry, universities, technical schools, technical societies and research institutions, and to develop standards, codes and practices in the field of contamination control; (10) disseminate or cause to be disseminated to the public or parties interested in or concerned with contamination control such information as may seem desirable for the public benefit; (11) foster and perpetuate proper professional relations among members of the Association and other persons concerned with or interested in the field of contamination control.

MEMBERSHIP: Honorary (5), any person who has distinguished himself by service to the Association or in the field of contamination control by his activities in industry, government, science, scientific research or public service; Senior (300), member actively engaged professionally in contamination or environmental control, engineering or an allied field of industrial, administrative or analytical control with five years' experience in one or in a combination of the inspection, control, statistical or engineering branches of the contamination or environmental field or of a closely allied field, and demonstrated achievements in his field (a Baccalaureate degree in an engineering, science, mathematics or statistics curriculum shall be considered the equivalent of four years of experience); Member (400), a graduate with a Baccalaureate degree in engineering, science, mathematics or statistics, or equivalent attainments, or four years of experience in contamination or environmental control work; Associate (100), an active interest in contamination or environmental control and in furthering his knowledge of the field; Corporate (40).

MEMBERSHIP SERVICES: Management training through local chapters.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Membership interest alignment study. *Educational:* Technical lecture series at University of Southern California; seminar at Rochester Institute of Technology, Rochester, New York; seminar at University of Colorado. *Prizes and Awards:* Distinguished Service Award; Technical Paper Honor Award; Individual Scientific and Technical Achievement Award; Technical Committee Award, annual; Honorary Membership Award.

PUBLICATIONS: *Journal of American Association for Contamination Control*, quarterly, \$15. Editor: Robert Runkle. *Contamination Control*, bimonthly, current volume: 12, \$5. Editor: Roby Wentz.

27 AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION. 1201 16th Street, N.W., Washington, D.C. 20036. (202) 833-5530. President: Laura Mae Brown. Term expires May 1971. President-Elect: Louis F. Alley. Executive Secretary: Carl A. Troester, Jr. Term indefinite.

HISTORY AND ORGANIZATION: The American Association for Advancement of Physical Education was founded in 1885 at Adelphi Academy, Brooklyn, New York. In 1903 the name was changed to American Physical Education Association. In 1938 its expansion of interests was indicated by the name change to the American Association for Health, Physical Education, and Recreation (AAHPER). Incorporated 1969 in Washington, D.C. *Geographic Divisions:* Six. *Specialty Divisions:* Dance; General; School Health; Recreation; Girl's and Women's Sports; Men's Athletics; Safety Education. *Scientific and Technical Committees:* Council on Aquatics, Facilities, Fitness; International Relations, Outdoor Education and Camping, Therapeutics; Research, Student Action,

Measurement and Evaluation. *Relationship with Other Societies*: National affiliate of the National Education Association.

PURPOSE: To improve education in physical education, sports and athletics, dance, health and safety and recreation through such professional services as consultation, periodicals and special publications, leadership development, determination of standards and research.

MEMBERSHIP: Professional (29,000), professionally engaged in areas covered by the Association structure; Associate (200), not professionally engaged but interested in supporting the activities of the Association; Student (10,000), undergraduate students, upon endorsement of full-time undergraduate status by major professor or advisor.

MEMBERSHIP SERVICES: Professional placement services; consultation services by headquarters staff specialists.

MEETINGS: Annual (March or April).

PROFESSIONAL ACTIVITIES: *Research*: Programs for the Handicapped; Leadership Development Project on Smoking and Health Education; Lifetime Sports Education Project; Outdoor Education Project; Children's Outdoor Games Project; Research Council. *Educational*: Scholarship program for high school seniors planning to major in physical education in college; AMF/W. J. Voit Youth Fitness Scholarship, \$2,000, provided by the American Machine and Foundry Company of New York; E. R. Moore Scholarship on Physical Education for Women, \$2,000 first place, \$1,000 each of five runnerup places, provided by the E. R. Moore Company of Chicago, Illinois. *Prizes and Awards*: Luther Halsey Gulick Award, annual, to a member of the profession for distinguished service in health, physical education, and recreation; William G. Anderson Service Award, annual, to persons outside the profession who have made significant contributions; AAHPER Honor Award, annual, to outstanding members distinguished for their contributions to the profession; R. Tait McKenzie Award, annual, distinguished service to human welfare through health, physical education and recreation; Schering-AAHPER Awards, annual, honoring school nurses.

PUBLICATIONS: *Journal of Health - Physical Education - Recreation*, monthly except July and August, current volume: 42, \$25 (professional), \$10 (student). Editor: Carl A. Troester, Jr. *School Health Review*, quarterly, current volume: 2, \$25 (professional), \$10 (student). Editor: Nancy H. Rosenberg. *Research Quarterly*, quarterly, current volume: 42, \$25 (professional), \$10 (student). Editor: John C. Mitchem. *Update*, monthly except July, August and September, free to members. Editor: Marjorie Blaufarb.

AMERICAN ASSOCIATION FOR HUMANISTIC PSYCHOLOGY. See ASSOCIATION FOR HUMANISTIC PSYCHOLOGY.

AMERICAN ASSOCIATION FOR INHALATION THERAPISTS. See AMERICAN ASSOCIATION FOR INHALATION THERAPY.

28 AMERICAN ASSOCIATION FOR INHALATION THERAPY. 3554 Ninth Street, Riverside, Calif. 92501. (714) 683-6510. President: Robert R. Welacher. Term expires November 1971. President-Elect: James A. Livette, Jr. Secretary: Paul Powers. Term expires November 1971. Treasurer: John W. Appling. Term expires November 1971.

HISTORY AND ORGANIZATION: Incorporated April 15, 1947 in Chicago, Illinois. Name changed to American Association for Inhalation Therapists March 10, 1954. Purposes of corpor-

ation were changed March 27, 1958. Named changed to present form April 4, 1967. *Geographic Divisions*: Fifty-one chapters. *Scientific and Technical Committees*: Safety and Technical Information. *Relationship with Other Societies*: Sponsored by the American College of Chest Physicians and the American Society of Anesthesiologists; member of the American Registry of Inhalation Therapists, the Joint Review Committee for Inhalation Therapy Education and the National Health Council.

PURPOSE: To (1) encourage and develop educational programs for those persons interested in the field of inhalation therapy; (2) advance the science, technology and art of inhalation therapy through institutes, meetings, newsletter, journal and other materials; (3) facilitate cooperation between inhalation therapy personnel and the medical profession, hospitals, industry and other agencies interested in inhalation therapy.

MEMBERSHIP: Active (6,100), 1½ years of experience in inhalation therapy in a recognized organization, primary function being patient care under medical supervision, not a physician; Associate (2,092), holds a position related to inhalation therapy, but cannot qualify for Active membership; Provisional (498), waiting for necessary approval as either Active or Associate member; Life; Honorary; Foreign Associate; Student.

MEMBERSHIP SERVICES: Provides high professional standards of patient care; helps set standards for educational programs; establishes codes of ethics; promotes recruitment to field; acts as representative to medical and health groups, government agencies and community agencies; provides certification as means of professional recognition; provides job placement service.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research*: Survey of interest in development of use of tapes for continuing education programs for inhalation therapists and technicians; membership opinion profile. *Educational*: Lecture series; seminars; correspondence courses; self-evaluation examination; referral service for audio-visual aids; cosponsorship of various educational programs; five \$500 Mead Johnson scholarships for second-year inhalation therapy students of merit and financial need. *Prizes and Awards*: Bird Literary Awards, \$1,200, annual, divided into prizes for the best papers accepted for publication in *Respiratory Care*; Scientific Paper Awards, annual; Photography Contest, annual, for supplying Association with quality photographs in the field for use in publications and by members; Outstanding Chapter of the Year; President's Award, for outstanding contribution to the field.

PUBLICATIONS: *Respiratory Care*, bimonthly, current volume: 16, \$5 (members), \$9 (nonmembers). Editor: Phillip Kittredge. *AAIT Bulletin*, monthly, current volume: 3, free to members. Editor: K. Wallace Longshore.

29 AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE. P.O. Box 10, Joliet, Ill. 60434. (815) 727-9120. President: Roger D. Estep. Term expires October 1971. President-Elect: James E. Corbin. Executive Secretary: Joseph J. Garvey. Treasurer: Elmer J. Hoeltge. Term expires October 1973.

HISTORY AND ORGANIZATION: Founded in 1948 and incorporated in Illinois in 1953 as the Animal Care Panel. Name was changed to American Association for Laboratory Animal Science (AALAS) in 1966. *Geographic Divisions*: Eight districts. *Scientific and Technical Committees*: Editorial;

Foundation; Public Policy; Publications; Laboratory Animal Technicians.

PURPOSE: To (1) function as a nonprofit educational association of persons and institutions professionally concerned with production, care and study of laboratory animals; (2) supply a medium for the exchange of scientific information on all phases of laboratory animal care.

MEMBERSHIP: Individual (1,500), professional interest in the production, care and use of laboratory animals used in biomedical research; Institutional (263).

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Laboratory animal technician training programs; AALAS Technician Scholarship Award, \$500, for a technician to continue his formal education. *Prizes and Awards:* Griffin Award, \$500, outstanding accomplishments in the improvement of the care and quality of animals used in biologic research; Research Award, \$300, outstanding paper published in *Laboratory Animal Science*; Animal Technicians Award, \$300, outstanding laboratory animal technician.

PUBLICATIONS: *Laboratory Animal Science*, bimonthly, current volume: 21, \$18, \$19, \$19.50. Editor: Aaron M. Leash. *AALAS Bulletin*, bimonthly, current volume: 10, free. Editor: Joseph J. Garvey.

30 AMERICAN ASSOCIATION FOR MATERNAL AND CHILD HEALTH, INC. P.O. Box 965, Los Altos, Calif. 94022. (415) 964-4575. President: Karl Ziesmann. Term expires July 1972. President-Elect: Leon P. Fox. Executive Director: Harold J. Fishbein.

HISTORY AND ORGANIZATION: Founded 1919. Incorporated 1960 in Illinois. *Geographic Divisions:* Four.

PURPOSE: To (1) provide a forum for the discussion of mutual problems in the field of maternal and child health; (2) lend its assistance and resources to their solution while trying to correlate activity and prevent duplication of effort.

MEMBERSHIP: Professional (1,830), medical and dental; Paramedical (500), nurses, hospital workers, administrators, technicians, etc.

MEETINGS: Annual (State Division).

PUBLICATIONS: *Mothers-To-Be American Baby*, monthly. Editor: Judith Nite.

31 AMERICAN ASSOCIATION FOR TEXTILE TECHNOLOGY, INC. *Address communications to:* Herman J. Reichl, Secretary, Better Fabrics Testing Bureau, 101 West 31st Street, New York, N.Y. 10001. President: Graham M. Richardson. Term expires 1973. Secretary: Herman J. Reichl. Term expires 1973.

HISTORY: Organized 1934. Incorporated 1945.

PURPOSE: To (1) encourage mutual understanding in the fields of textile technology and marketing; (2) advance textile technology in all its branches; (3) cooperate with established facilities for textile education; (4) interchange and disseminate professional knowledge among its members and with other industry groups.

MEMBERSHIP: Regular, engaged in the technical branches of the textile and affiliated industries, graduate of an accredited college or textile technical college of collegiate rank, pursuing the profession of textile technologist and having two years' technical experience, or, in lieu of college, five years' practical experience in the technical branch of the textile or affiliated industries and qualification as a textile technologist; Junior; Affiliate; Student; Life; Honorary; Emeritus. Total membership 1,700.

MEETINGS: Monthly (except July and August).

PROFESSIONAL ACTIVITIES: *Educational:* Annual Industry Conference conducted in New York each February to bring the latest industry topics to the leaders and technical representatives of the textile and affiliated industries. *Prizes and Awards:* Annual awards and plaques to leading U.S. textile college graduates.

PUBLICATIONS: *Modern Textiles*, monthly, free to members. Editor: Alfred H. McCollough.

32 AMERICAN ASSOCIATION FOR THE ADVANCEMENT

OF SCIENCE. 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005. (202) 387-7171. Chairman of the Board: Athelstan Spihous. Term expires January 1972. President: Mina Rees. Term expires January 1972. President-Elect: Glenn T. Seaborg. Treasurer: William T. Golden. Term indefinite. Executive Officer: William Bevan. Term indefinite.

HISTORY AND ORGANIZATION: Founded in September 1847 in Boston when the Association of American Geologists and Naturalists met and passed a resolution to change its name to the American Association for the Promotion of Science. In September 1848 this Association met in Philadelphia and the name was changed to the American Association for the Advancement of Science (AAAS). There were 461 charter members. Incorporated 1874 in Massachusetts. *Geographic Divisions:* Three regional divisions. *Specialty Divisions:* Mathematics; Physics; Chemistry; Astronomy; Statistics; Geology and Geography; Zoological Sciences; Botanical Sciences; Anthropology; Psychology; Social and Economic Sciences; History and Philosophy of Science; Engineering; Medical Sciences; Dentistry; Pharmaceutical Sciences; Agriculture; Industrial Science; Education; Information and Communication; Atmosphere and Hydrospheric Sciences. *Scientific and Technical Committees:* Public Understanding of Science; Science in the Promotion of Human Welfare; Arid Lands; Population and Reproduction Control; Science Education; Environmental Alteration; Herbicide Assessment. *Relationship with Other Societies:* The Association and its 292 affiliated societies and academies constitute the largest group of related scientific organizations in the world. Affiliated societies total 245, state and regional academies of science 42, and city academies of science 5. Each affiliated society or academy is wholly independent in its own special field or geographical area.

PURPOSE: To (1) further the work of scientists; (2) facilitate cooperation among them; (3) improve the effectiveness of science in the promotion of human welfare; (4) increase public understanding and appreciation of the importance and promise of the methods of science in human progress.

MEMBERSHIP: Member (115,000), any interested person; Fellow (20,000), member who has made significant contributions to science.

MEETINGS: Annual (December). Beginning in 1974 the annual meeting will be held in February.

PROFESSIONAL ACTIVITIES: *Research:* Studies on population and reproduction control, power generation, public understanding of science, arid lands. *Educational:* A program of activities to stimulate improvement of science education in schools and colleges, including: Science - A Process Approach, a program of elementary school science; Clearinghouse of Information, course content development in science and mathematics; seminars in science for city school superintendents; survey of the population and teaching loads of junior college teachers of science, mathematics, etc.; study of

college-level programs for the education of technicians in science and engineering; recommendations for preservice education in science for elementary teachers; guidelines for preparation of secondary school teachers; bibliography of readings on science and society for high school and college teachers and students; feasibility study of short courses in science for college teachers for the National Science Foundation (NSF); conferences on issues in science education; critical reviews and evaluations of books in science for students at all levels; bibliographies of science books; reference library collection; Holiday Science Lectures to invited audiences of high school students of mathematics and science; Visiting Foreign Scientists Project, summer lecture tours to NSF-supported institutes for secondary school and college teachers; public information service; audiotapes of annual meetings. *Prizes and Awards*: AAAS-Newcomb Cleveland Prize, annual, \$1,000 and a bronze medal, the Association's oldest prize, scientific paper presented in regular session of annual meeting representing outstanding contribution to science, original research presented for first time; AAAS Socio-Psychological Award, annual, \$1,000, meritorious essay in socio-psychological inquiry; Industrial Science Section Award, annual, outstanding achievement in technology by American industrial firm or other organization; AAAS-Westinghouse Science Writing Awards, annual, three awards of \$1,000 each, outstanding writing on natural sciences and their applications appearing in newspapers and magazines.

PUBLICATIONS: *Science*, weekly, current volume: 171, \$12. Editor: Philip H. Abelson. *AAAS Bulletin*, quarterly, current volume: 16, \$1, free to members. Editor: Hans Nussbaum. *Science Education News*, quarterly, free. Managing Editor: Orin McCarley. *Science Books: A Quarterly Review*, quarterly, current volume: 7, \$6.50. Editor: Hilary J. Deason.

33 AMERICAN ASSOCIATION FOR THE HISTORY OF MEDICINE, INC. *Address communications to:* Charles W. Bodemer, Secretary-Treasurer, Department of Biomedical History, E311 Health Sciences Building, Seattle, Wash. 98105. (206) 543-5447. President: Whitfield J. Bell. Term expires May 1972. Secretary-Treasurer: Charles W. Bodemer. Term expires May 1971.

HISTORY AND ORGANIZATION: Incorporated 1958 in New York State. *Scientific and Technical Committees:* Editorial; Loeb Library; National Library of Medicine Liaison; Program. *Relationship with Other Societies:* The following are constituent societies: Albany Medical History Club; American Academy of the History of Dentistry; American Institute of History of Pharmacy; Barlow Society for the History of Medicine; Beaumont Medical Club; Benjamin Waterhouse Medical History Society; Handerson Medical History Society; Health Sciences Historical Society of British Columbia; John Shaw Billings History of Medicine Society, Inc.; The Johns Hopkins Medical History Club; Lawrence Reynolds Library; Mayo Foundation History of Medicine Society; Medical History Society of Buffalo and Erie County; The Ohio Academy of Medical History; Providence Medical History Society; Richmond Academy of Medicine; The Robert Wilson Medical History Club of Charleston; Society for the History of Medical Sciences; Society of Medical History of Chicago; University of Nebraska History of Medicine Society; Washington Society for the History of Medicine.

PURPOSE: To (1) promote, stimulate and encourage research, study, interest and writing in the history of medicine, including the history of public health, dentistry, pharmacy, nursing,

and allied arts, sciences and professions; (2) lend its support to and cooperate with local, national or international organizations having similar purposes; (3) organize and arrange meetings, forums and discussion group lectures, (4) present awards and issue publications.

MEMBERSHIP: Active (779), any resident of U.S. or Canada interested in the history of medicine; Non-Resident (28), any person interested in the history of medicine who is not a resident of the U.S. or Canada; Constituent Society (21), any organization having similar purposes to those of the Association; Honorary (6), person making outstanding contributions to the history of medicine or science.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Fielding H. Garrison Lecture, contributions to medical history or other fields of science and learning; William H. Welch Medal, annual, contributions of outstanding scholarly merit in the field of medical history published during the five years preceding the award; William Osler Medal, annual, to U.S. and Canadian medical students for unpublished essays that are the result of original research or show an unusual appreciation and understanding of historical problems.

PUBLICATIONS: *Bulletin of the History of Medicine*, bi-monthly, current volume: 45, \$10 (members), \$12 (non-members). Editor: Lloyd G. Stevenson.

AMERICAN ASSOCIATION FOR THE PROMOTION OF SCIENCE. See AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

AMERICAN ASSOCIATION FOR THE STUDY OF THE FEEBLE-MINDED. See AMERICAN ASSOCIATION ON MENTAL DEFICIENCY.

34 AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA. *Address communications to:* John H. Davis, Secretary, Given Building, University of Vermont, Burlington, Vt. 05401. (802) 656-2563. President: Curtis P. Artz. Term expires October 1971. President-Elect: Moore Moore, Jr. Secretary: John H. Davis. Term expires October 1974. Treasurer: William R. Drucker. Term expires Fall 1974.

HISTORY: Organized June 14, 1938 in San Francisco, California. **PURPOSE:** To cultivate and improve the science and art of surgery of trauma and allied sciences.

MEMBERSHIP: Active (300), members of state or provincial societies with ten years' practice limited to surgery or allied specialties, certified by the American Board of Surgery or specialty board with which identified, who are Fellows of the American College of Surgeons or of one of the Royal Colleges, and have contributed to medical literature; Senior (165); Honorary (17).

MEETINGS: Annual (October or November).

PUBLICATIONS: *Journal of Trauma*, monthly, current volume: 11, \$24. Editor: William T. Fitts.

35 THE AMERICAN ASSOCIATION FOR THORACIC SURGERY. Six Beacon Street, Suite 620, Boston, Mass. 02108. (617) CA7-0760. President: Thomas H. Burford. Secretary: Thomas B. Ferguson. Treasurer: Paul C. Adkins. Executive Secretary: William T. Maloney.

HISTORY: Organized in 1917 in New York City.

PURPOSE: To (1) encourage and stimulate investigation and study that will increase the knowledge of intrathoracic physi-

ology, pathology and therapy; (2) correlate such knowledge and disseminate it.

MEMBERSHIP: Active (412), Associates elected for distinction in thoracic field or meritorious contribution to knowledge pertaining to thoracic disease and surgical treatment; Associate (118), individuals with an active interest in thoracic disease as a practitioner, teacher or investigator; Senior (188), Active members for 10 years who have passed age 60 or who have become incapacitated by illness; Honorary (16), persons who have rendered distinguished service to the profession.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Everts A. Graham Memorial Traveling Scholarship, awarded annually to provide postgraduate training and research in thoracic or cardiovascular surgery at approved institutions for qualified foreign nationals.

PUBLICATIONS: *Journal of Thoracic and Cardiovascular Surgery*, monthly, current volume: 61, \$28. Editor: Brian Blades.

36 AMERICAN ASSOCIATION OF ANATOMISTS. *Address communications to:* Russell T. Woodburne, Secretary-Treasurer, Department of Anatomy, The University of Michigan, Medical Science II, Ann Arbor, Mich. 48104. (313) 763-2537. President: Raymond C. Truex. Term expires April 1971. President-Elect: David Bodian. Secretary-Treasurer: Russell T. Woodburne. Term expires April 1972.

HISTORY AND ORGANIZATION: Established September 17, 1888 at Georgetown University, Washington, D.C., as the Association of American Anatomists. Title changed in constitution in 1908 to American Association of Anatomists. Incorporated 1947 in New York. *Geographic Divisions:* Two. *Scientific and Technical Committees:* Executive; Anatomical Nomenclature; Educational Affairs; History of the Association; Journal Trust Fund; Learning Resources. *Relationship with Other Societies:* Caji Club, a group of neuroanatomists, meets in conjunction with the annual meeting of the Association.

PURPOSE: To advance anatomical science.

MEMBERSHIP: Regular (2,143), Ph.D., and at least one definitive research publication on an anatomical or allied subject; Sustaining (17), corporation or institution interested in anatomical sciences and in affording support to the Association.

MEETINGS: Annual (March or April).

PROFESSIONAL ACTIVITIES: *Educational:* Seminars on education-teaching affairs; display and exchange of teaching movies and tapes. *Prizes and Awards:* C. Judson Herrick Award, annual, to outstanding young investigator in neuroanatomy; annual awards for superior graduate student presentations at annual meeting; Henry Gray Award, annual, to outstanding anatomist.

PUBLICATIONS: *Proceedings of the American Association of Anatomists* (reprinted from *Anatomical Record*), annual, current volume: 168, \$5. Editor: Russell Woodburne. *Abstracts of Papers* (reprinted from *Anatomical Record*), annual, current volume: 166, \$5. Editor: John C. Finerty. *Anatomical News*, irregular, current volume: November 1970, free to members. Editor: Russell T. Woodburne. *Directory of Departments of Anatomy of the United States and Canada*, irregular, current volume: January 1968, \$5. Edited by: American Association of Anatomists. *Careers in Anatomy*, irregular, current volume: 1963, single copies free, \$30 per 100. Edited by: American Association of Anatomists.

37 AMERICAN ASSOCIATION OF CEREAL CHEMISTS, INC. 1821 University Avenue, St. Paul, Minn. 55104. (612)

645-0219. President: Edwin J. Bass. Term expires October 1971. President-Elect: Kenneth A. Gilles. Secretary: Donald E. Smith. Term expires October 1971. Treasurer: Joseph Ponte Jr. Term expires November 1972. Executive Vice President: Raymond J. Tarleton. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1915 at Kansas City, Missouri. Merged in 1923 with the American Society of Milling and Baking Technology. Incorporated 1956 in Minnesota. *Geographic Divisions:* Sixteen. *Specialty Divisions:* Oilseeds; Carbohydrates; Milling and Baking. *Scientific and Technical Committees:* Instrumental Methods; Cake Flour Testing; Chemical Leavening Agents; Cookie Flour; Edible Fats and Oils; Enzyme Assay; Experimental Milling; Flour Particle Size; Macaroni Products Analysis; Microorganisms in Cereal Products; Monitoring Radioactivity in Cereal Products; Mycotoxins in Cereal Products; Oilseeds Analysis Methods of the Oilseeds Division; Oxidizing and Bleaching Agents; Pesticide Residues; Physical Testing Methods; Proximate Analysis; Quality Tests for Wheat and Flour; Sampling of Cereal Products; Sanitation Methods; Starch and Pentosans; Statistics and Experimental Error; Sugar Analysis; Vitamin Analysis. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science; administrative affiliate of the American Phytopathological Society.

PURPOSE: To (1) engage in those activities which will advance and encourage scientific and technical research in cereal grains and related materials, their processing and utilization; (2) provide, on a nonprofit basis, a means of bringing this information together, reviewing and organizing it on the basis of its scientific merit, and making it available, through its technical conferences and publications to its members as a part of the privileges enjoyed by such members, and to other interested scientists, scientific groups, foundations and institutions throughout the world.

MEMBERSHIP: Professional (1,660), B.S. in a science or engineering, or at least two years of academic training in a science and four years experience in a cereal or related field lab; Associate (56), does not qualify as Professional but actively engaged in technical work dealing with cereals and related materials; Student (40), full time student in a course of scientific study at a recognized college application signed by member professor; Sustaining (26); Corporate (52); Life (115), retired, 20 years a Professional member.

MEMBERSHIP SERVICES: National Check Sample Service, a low cost nationwide statistical check of various cereal analysis laboratory methods; certification program for Certified Sanitation Analyst; employment clearing house.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* Membership Marketing Study. *Educational:* Short courses in physical dough testing, statistics, gas chromatography instrumentation, management, sanitation certification; sanitation workshops. *Prizes and Awards:* William F. Geddes Award, annual, important contribution to the growth and activities of the Association; Alsborg-Schoch Memorial Lectureship, established by the Corn Refiners Association, \$1,000, notable contributions to fundamental starch science; Carl Wilhelm Brabender Award, biennial, distinguished contributions to the application of rheology in milling and baking, sponsored jointly by Brabender Instruments, New Jersey, and Brabender OHG, Duisberg, Germany, \$1,000 travel grant to visit scientists and laboratories throughout the world; Thomas Burr Osborne Medal, highest honor of the Association, significant research in the field of cereal science; Honorary Membership, annual, to

nonmember only for unusual service to the Association or to the science of cereals.

PUBLICATIONS: *Cereal Chemistry*, bimonthly, current volume: 48, \$30 (domestic), \$31 (foreign). Editor: Welker G. Bechtel. *Cereal Science Today*, monthly, current volume: 16, \$15 (domestic), \$31 (foreign). Editor: Welker G. Bechtel. *Cereal Industry Newsletter*, monthly, current volume: 1, Editor: Merrill J. Busch.

38 AMERICAN ASSOCIATION OF CERTIFIED ORTHOPTISTS.

Address communications to: Eleanor Fike, President, 1919 Seventh Avenue South, Department of Ophthalmology, University of Alabama Medical Center, Birmingham, Ala. 35233. (205) 934-4398. President: Eleanor Fike. Term expires October 1972. Secretary: Judy Pryor. Term expires October 1972. Treasurer: Barbara Cassin. Term expires October 1972.

HISTORY AND ORGANIZATION: Founded October 8, 1940 in Cleveland, Ohio as the American Association of Orthoptic Technicians. In 1966 name changed in present form. *Geographic Divisions:* Four. *Relationship with Other Societies:* Charter member of the International Orthoptic Association, associate member of the American Orthoptic Council.

PURPOSE: To (1) maintain orthoptic standards and promote knowledge related to orthoptics; (2) improve training and teaching of orthoptic students; (3) encourage continuing education of certified orthoptists; (4) encourage research and disseminate knowledge of new orthoptic methods and theories as they emerge.

MEMBERSHIP: Active (344), certified by American Orthoptic Council, actively engaged in orthoptics; Inactive (68), certified by American Orthoptic Council, but not presently engaged in orthoptics; Honorary (5), elected by unanimous vote of membership.

MEMBERSHIP SERVICES: Placement service; orthoptic exhibits for scientific meetings.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Scientific programs for annual meetings; postgraduate courses; annual symposium on some aspect of orthoptics; annual Delta Gamma scholarships to student orthoptists. *Prizes and Awards:* Scobee Memorial Lecture, annual, for orthoptists and ophthalmologists; Lancaster Memorial Award, annual, extraordinary performance by a certified orthoptist active in the field of orthoptics; Honor Certificate, annual, five-year members who have contributed to the field by teaching orthoptics, presenting papers at regional and national meetings, publishing orthoptic papers, working in the Association and keeping abreast of orthoptic developments; Merit Award, annual, best publishable paper on treatment, instrumentation, research or other effort to forward orthoptic knowledge by a member of five years or less.

PUBLICATIONS: *American Orthoptic Journal*, annual, current volume: 21, \$3.50. Editor: Judy H. Seaber. *Orthoptic Directory*, *American Association of Certified Orthoptists*, annual, for members and ophthalmologists only. Editor: Dorothy Bair.

39 AMERICAN ASSOCIATION OF CLINICAL CHEMISTS,

INC. P.O. Box 15053, Ardmore Station, Winston-Salem, N.C. 27103. (919) 724-1728. President: Alex Kaplan. Term expires December 1971. President-Elect: Joseph N. Boutwell, Jr. Secretary: Ralph E. Thiers. Term indefinite. Treasurer: Joseph Benotti. Term indefinite. Executive Director: J. Stanton King, Jr. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1948. Incorporated the same year in New York State. *Geographic Divisions:* Twenty. *Scientific and Technical Committees:* Education; Employment and Personnel; Awards; Professional Relations; Standard Methods; Board of Editors of *Clinical Chemistry*.

PURPOSE: To (1) further the public interest in that specialized field of chemistry known as clinical chemistry through raising the level at which chemistry is practiced in the clinical laboratory; (2) stimulate the development of new chemical methods for use in the clinical laboratory; (3) encourage highly trained chemists to enter the field of clinical chemistry; (4) encourage those engaged in this field to pursue advanced studies so as more effectively to serve the public interest; (5) create and maintain a forum where chemists engaged in applying the science of clinical chemistry exchange ideas and information concerning scientific, technical and other problems affecting the public interest in the field of clinical chemistry.

MEMBERSHIP: Honorary, scientists of distinction in contributions to clinical chemistry; Emeritus, member in good standing for 10 years, retired from employment because of age or illness; Fellow, member certified by the American Board of Clinical Chemistry; Member, Doctorate degree or its equivalent plus one year of experience, or Master's degree with three years' experience, or Baccalaureate degree with a chemistry major plus five years' experience, or Baccalaureate degree with a chemistry major plus a substantial record of original contributions to the science of clinical chemistry in the form of publications, or of other evidence of creativeness, or unique training or experience in the field of chemistry; Associate, persons with insufficient experience as clinical chemists who meet all other qualifications for a period not exceeding five years within which time they shall advance to Member or Affiliate status; Affiliate, persons who are ineligible for election as Members or Associates, but who are interested in the field of clinical chemistry. Total membership 1,800.

MEMBERSHIP SERVICES: Employment service; public relations; cooperation in National Registry; cooperation in education and training programs.

MEETINGS: Annual (July or August).

PROFESSIONAL ACTIVITIES: *Research:* Salary survey, in cooperation with the American Chemical Society; standards research, in cooperation with the National Bureau of Standards. *Educational:* Education Fund of approximately \$100,000 being set up to provide training grants to eligible clinical chemistry students. *Prizes and Awards:* Ames Award, annual, major scientific contributions to clinical chemistry; Smith-Kline-French Award, annual; Fisher Award, annual, service to profession; Warner Lambert Lectureship.

PUBLICATIONS: *Clinical Chemistry*, monthly, current volume: 16, \$18. Editor: J. Stanton King, Jr. *Standard Methods of Clinical Chemistry*, irregular, current volume: 6, \$18. Editor: J. Stanton King, Jr. *Membership Directory of American Association of Clinical Chemists*, annual, free to members.

40 AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY.

850 Sligo Avenue, Silver Spring, Md. 20910. (301) 585-0011. President: Arthur E. Schwaring. Term expires May 1972. President-Elect: Robert V. Petersen. Executive Secretary-Treasurer: Charles W. Bliven.

HISTORY AND ORGANIZATION: Founded in May 1900 as the American Conference of Pharmaceutical Faculties. Name change to present title in August 1924. *Specialty Divisions:* Teachers of Chemistry; Teachers of Pharmacy; Teachers of

Biological Sciences; Teachers of Pharmacy Administration; Teachers of Continuing Education; Teachers of Graduate Instruction; Librarians. *Scientific and Technical Committees:* Academic Affairs; Audio-Visual Education; Community Health Services; Hospital Pharmacy; Internship Training; Recruitment and Enrollment.

PURPOSE: To promote pharmaceutical education and research.
MEMBERSHIP: Active (74), must have its full curriculum in effect and must be accredited by the American Council on Pharmaceutical Education; Affiliate (7), open to members of the Association of Faculties of Pharmacy of Canada and to other colleges, meeting qualifications, outside the U.S.; Governmental (2), open to agencies of the U.S. Government having an interest in the objectives of the Association.

MEMBERSHIP SERVICES: Recruitment program.

MEETINGS: Annual (Spring or Summer).

PROFESSIONAL ACTIVITIES: *Educational:* Annual seminar for teachers in the professional areas of instruction, with a general seminar in pharmaceutical education every third year; Visiting Lecturers Program. *Prizes and Awards:* Lyman Award, outstanding article in the journal of the Association the previous year.

PUBLICATIONS: *American Journal of Pharmaceutical Education*, five issues per year, current volume: 35, \$5. Editor: C. Boyd Granberg. *Roster of Teaching Personnel in Colleges of Pharmacy*, annual, \$5. Editor: Charles W. Bliven.

41. AMERICAN ASSOCIATION OF COST ENGINEERS. P. O. Box 368, Bellaire, Tex. 77401. (713) 666-5043. President: Sidney Katell. Term expires July 1971. Secretary: Kenneth K. Krider. Term expires July 1971. Executive Secretary and Treasurer: Charles E. Fortenbaugh. Term expires July 1971.

HISTORY AND ORGANIZATION: Incorporated 1958 in New Hampshire. *Geographic Divisions:* Twenty-two. *Relationship with Other Societies:* Member of Engineer's Joint Council.

PURPOSE: To (1) provide forums and media through which experiences with the principles and techniques of cost engineering may be reported, discussed, and published in furtherance of the public interest; (2) promote standardization of terminology in cost engineering and so far as practicable develop standard methods.

MEMBERSHIP: Member, engaged in cost engineering and either a graduate of recognized engineering curriculum with five years' experience in a responsible position, or holding license to practice professional engineering, or having ten years' experience in the profession, seven of which were in a responsible position; Associate, interested in cost engineering, not qualifying as a Member; Student, regularly enrolled full-time engineering student.

MEETINGS: Annual (June).

PUBLICATIONS: *AACE Bulletin*, bimonthly, current volume: 13, \$8. Editor: Agnes Jacob. *Transactions*, annual, current volume: 1970, \$10. Editor: John J. O'Driscoll.

42. AMERICAN ASSOCIATION OF DENTAL SCHOOLS. 211 East Chicago Avenue, Chicago, Ill. 60611. (312) 944-5878. President: William R. Mann. Term expires March 1971. President-Elect: John J. Saley. Secretary-Treasurer: Ben F. Miller, III.

HISTORY AND ORGANIZATION: Founded in Omaha, Nebraska January 24, 1923 through the union of the American Institute of Dental Teachers, Canadian Dental Faculties' Association, National Association of Dental Faculties and the Dental Faculties' Association of American Universities. In

1959 a central office was established in Chicago, and incorporation followed in 1960. *Specialty Divisions:* Advanced Education; Anatomical Sciences; Biochemistry and Nutrition; Biomaterials; Clinic Administration; Community and Preventive Dentistry; Dental Anatomy and Occlusion; Dental Assisting Education; Dental Hygiene Education; Dental Laboratory Technology Education; Endodontics; Fixed Prosthodontics; Learning Resources; Microbiology; Operative Dentistry; Oral Diagnosis and Oral Medicine; Oral Radiology; Oral Surgery, Anesthesia and Hospital Dental Services; Orthodontics; Pathology; Pedodontics; Periodontics; Pharmacology and Therapeutics; Physiology; Practice Administration; Removable Prosthodontics. *Scientific and Technical Committees:* Councils on Deans, Faculties, Advanced Education Programs, Hospital Programs, Auxiliaries and Federal Dental Services; Committees on Academic Affairs, Student Affairs and Institutional Affairs. *Relationship with Other Societies:* Member of the Federation of Schools of the Allied Health Professions.

PURPOSE: To (1) promote the advancement of dental education, research and service in all appropriately accredited institutions that offer programs for dental personnel; (2) stimulate the production, exchange and dissemination of ideas and information among dental educators, educators of other health professions and educators in the community of higher education; (3) study and investigate the educational aspects concerned with providing and maintaining optimal oral health care for the public; (4) communicate with the public, the dental profession, other health professions and the community of higher education to improve their understanding of the importance of oral health care in relation to the general health and well-being of individuals and society; (5) establish and maintain liaison with governmental and other appropriate agencies that may further the development, support and improvement of dental education, research and service; (6) assume its major responsibility for the development of policies and standards used for the accreditation of dental education programs; (7) advise and provide consultants and consultation services regarding dental education programs.

MEMBERSHIP: Individual (1,500), any person with a demonstrable interest in dental education, upon recommendation of a member institution's chief administrative officer or an Association Executive Committee member, including also Students and Honorary Members; Active Institutional (52), any dental school granting a DDS or DMD degree, which is an integral part of an accredited college or university in the U.S., Puerto Rico or Canada; Provisional Institutional (6), any newly established dental school which plans to grant a DDS or DMD degree and which is an integral part of an accredited college or university in the U.S., Puerto Rico or Canada, having yet to begin instruction of its first class of dental students; Affiliate Institutional (32), dental education programs conducted within the following agencies, institutions and organizations, except those conducted in Active or Provisional member institutions, provided that they are accredited by the Council on Dental Education, American Dental Association or an agency recognized by the National Commission on Accrediting: 1) colleges and universities and independent postgraduate training research centers other than dental schools which grant DDS or DMD degrees, 2) Canadian dental schools, 3) the U.S. Air Force, Army, Navy, Veterans Administration, National Institutes of Health and comparable agencies of the Canadian government, 4) education programs in the following categories: a) hospital internships and residencies, b) dental hygiene, c) dental assisting, d) dental laboratory technology, e) other

categories recognized by the Association.

MEMBERSHIP SERVICES: Washington activities to inform the federal government of dental education and research needs and the necessity for financially assisting member institutions; accreditation activities.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Research:* Annual salary survey of dental educators; annual survey of dental educational institutions; annual survey of dental educators. *Educational:* Summer school courses at member institutions; workshops.

PUBLICATIONS: *Admission Requirements of American Dental Schools*, monthly, current volume: 71/72, \$4 per copy. *Journal of Dental Education*, monthly, \$15 (nonmembers). Editor: George Teuscher. *Bulletin of Dental Education*, monthly, free to members. Editor: Owen R. Terry. *Proceedings*, annual, current volume: 47, free to members. *Directory of Dental Educators*, annual, current volume: 1970-71, free to members. Editor: Harry Wiesenfelder.

AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS. See THE ENTOMOLOGICAL SOCIETY OF AMERICA.

43 AMERICAN ASSOCIATION OF ENDODONTISTS. P.O. Box 5520, Lighthouse Point, Fla. 33064. (305) 941-6169. President: Dudley H. Glick. Term expires April 1972. President-Elect: I. B. Bender. Secretary: Julian Kelly. Executive Secretary: Elenore L. McClintock. Term indefinite.

HISTORY AND ORGANIZATION: Established February 25, 1943 in Chicago, Illinois. On February 23, 1944 the official name of American Association of Endodontists (AAE) was adopted. Incorporated 1955 in Illinois. *Scientific and Technical Committees:* Clinical Correlation of Research. *Relationship with Other Societies:* Sponsors the American Board of Endodontics and the AAE Endowment and Memorial Foundation, incorporated in Illinois in 1966.

PURPOSE: To (1) promote interchange of ideas on methods of pulp conservation and endodontic treatment; (2) stimulate research studies, both clinical and laboratory, among its members; (3) assist in establishing local endodontic study clubs; (4) help maintain a high standard of endodontic practice within the dental profession; (5) sponsor the American Board of Endodontics and the AAE Endowment and Memorial Foundation.

MEMBERSHIP: Active (1,000), member of the American Dental Association, the National Dental Association or recognized dental association in country of residency, interested in objects of Association; Honorary (7), elected for significant contributions to the advancement of endodontics; Student (169), member of American Dental Association, enrolled in an approved postgraduate or graduate program in endodontics; Associate, member in good standing of an allied profession; Life (17), 65 years of age, member for 20 consecutive years, elected by the Executive Committee; Foreign (29), resident of a foreign country other than Mexico or Canada.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Registry for Pulpal Pathology. *Educational:* Continuing education course in endodontics designed for the general dentist; conference on the biology of the human dental pulp; student loans for graduate work in endodontics (four loans of \$2,000 annually); conference-workshop on advanced education in endodontics. *Prizes and Awards:* Student Awards, certificate and a journal subscription, to graduating dental student selected by dean of

participating dental school; Honorary Member or Honorary President, infrequent, election by Executive Committee.

PUBLICATIONS: *AAE Newsletter*, quarterly, current volume: 21. Editor: Gerald I. Wernick. *Membership Roster*, annual. Editor: Elenore L. McClintock.

44 AMERICAN ASSOCIATION OF GENITO-URINARY SURGEONS. Address communications to: Ormond S. Culp, Secretary-Treasurer, 200 First Street, S.W., Rochester, Minn. 55901. (507) 282-2511. President: Edgar Burns. Term expires May 1972. President-Elect: Richard Chute. Secretary-Treasurer: Ormond S. Culp. Term expires May 1972.

HISTORY: Organized October 16, 1886 in New York, New York. First meeting May 17-18, 1887 at Lakewood, New Jersey.

PURPOSE: To promote the study of diseases of the genitourinary organs.

MEMBERSHIP: Honorary (5), outstanding contributions and retired; Corresponding (25), distinguished foreign urologists; Fellow (25), over 65 and still active clinically; Active (70), under 65 and significant contributions to urology; Inactive (18), retired from clinical practice.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Supports National Society for Medical Research. *Prizes and Awards:* Keyes Medal, created in 1926 for outstanding contributions in the advancement of urology, awarded only when deemed justified, 12 recipients to date; Barringer Medal, created in 1954 for outstanding work, especially in study of cancer, usually every two years, total of 20 provided when initiated.

PUBLICATIONS: *Transactions of the American Association of Genito-Urinary Surgeons*, annual, current volume: 62, \$10. Editor: Hugh J. Jewett. *Roster of Membership*, semiannual, members only. Editor: Ormond S. Culp. *Newsletter*, triannual, members only. Editor: Ormond S. Culp.

45 THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS. 9650 Rockville Pike, Bethesda, Md. 20014 (301) 530-3200. President: Byron H. Waksman. Term expires June 1971. President-Elect: Frank J. Dixon. Secretary-Treasurer: Henry Metzger. Term expires June 1973.

HISTORY AND ORGANIZATION: Originally conceived as a "Society of Vaccine Therapists." Founded in June 1913 with 56 charter members, most of whom worked in the laboratories of Metchnikoff, Ehrlich, Wasserman, and Sir Amroth Wright. Incorporated 1913 in Minnesota. *Scientific and Technical Committees:* Education. *Relationship with Other Societies:* Constituent society of the Federation of American Societies for Experimental Biology; represented in American Type Culture Collection, American Board of Microbiology, American Association for the Advancement of Science, American Association of Medical Colleges, National Research Council and the National Society for Medical Research.

PURPOSE: To (1) advance knowledge of immunology and related disciplines; (2) facilitate interchange of ideas and information among investigators in the various fields.

MEMBERSHIP: Regular (1,185), active interest in the aims and purposes of the Association, teaching and/or research evidenced by original contributions published in reputable journals; Emeritus (60), upon retirement for age or disability after 20 years of active membership; Honorary (4), extraordinary achievement in the field of immunology.

MEMBERSHIP SERVICES: Survey courses in immunology.

MEETINGS: Annual (April); International Congresses on

Immunology (every fourth year).

PUBLICATIONS: *Journal of Immunology*, monthly, current volume: 106, 107, \$24 (members), \$52 (nonmembers). Editor: Harry M. Rose.

46 AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC. 79 Madison Avenue, New York, N.Y. 10016. (212) 685-0989. President: Joyce N. Benoit. Term expires 1971. Recording Secretary: Hazel L. Gallaher. Term expires 1972. Treasurer: Anita M. Harris. Term expires 1972. Executive Director: Dorothy M. Saller.

HISTORY AND ORGANIZATION: Founded in 1942 in Philadelphia, Pennsylvania. Incorporated in 1952 in New York State. *Geographic Divisions:* One hundred and six constituents. *Scientific and Technical Committees:* Education; Legislation; Professional Standards; Medical Advisory Council; Nurse Educator Advisory Council.

PURPOSE: To (1) constitute the professional association of nurses engaged in the practice of occupational health nursing; (2) improve community health by bettering nursing service to workers; (3) develop and promote standards for occupational health nurses and occupational health nursing services.

MEMBERSHIP: Active (6,200), full-time occupational health nurses, full-time educators and consultants; Inactive (97), retired from industry, not participating in any other field of nursing; Associate (8), nurse educators, nurse editors, nurse writers whose current employment is relative to the interest of the occupational health nurse and/or the field of occupational health nursing.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Courses, workshops and symposia in all aspects of occupational health nursing and related fields; Winifred Hardmann Scholarship, for graduate professional nurses in industry to take advanced courses in occupational health nursing. *Prizes and Awards:* Membership Award, awarded every three years or less; Margaret Currie Achievement Award, annual, educational and community activities; Christina Sikula Award, annual, educational and community activities.

PUBLICATIONS: *Occupational Health Nursing*, monthly, current volume: 19, \$10. Editor: Margaret Carnine.

AMERICAN ASSOCIATION OF INDUSTRIAL PHYSICIANS AND SURGEONS. See INDUSTRIAL MEDICAL ASSOCIATION.

AMERICAN ASSOCIATION OF INSTRUCTORS AND INVESTIGATORS IN POULTRY HUSBANDRY. See THE POULTRY SCIENCE ASSOCIATION, INC.

AMERICAN ASSOCIATION OF MEDICAL RECORD LIBRARIANS. See AMERICAN MEDICAL RECORD ASSOCIATION.

47 AMERICAN ASSOCIATION OF NEUROLOGICAL SURGEONS. 428 East Preston Street, Baltimore, Md. 21202. (301) 727-2870. President: Collin S. MacCarty. Term expires April 1971. President-Elect: Guy L. Odum. Secretary: William F. Meacham. Term expires April 1971. Treasurer: Gordon van den Noort. Term expires April 1971. Executive Secretary: Michael I. O'Connor.

HISTORY AND ORGANIZATION: Founded October 10, 1931 as the Harvey Cushing Society. Incorporated in 1956 in Illinois. Name changed to present form in April 1967. *Scientific and Technical Committees:* Education in Neurological Surgery; Instrument; Professional Practice; Medicolegal.

tific and Technical Committees: Education in Neurological Surgery; Instrument; Professional Practice; Medicolegal.

PURPOSE: To (1) promote and advance neurological surgery and related sciences; (2) improve patient care; (3) support meaningful basic and clinical research; (4) provide leadership in undergraduate, graduate and continuing education; (5) promote the administrative facilities necessary to achieve these goals.

MEMBERSHIP: Active (1,185), certified by the American Board of Neurological Surgery, or Canadians who are Fellows of the Royal College of Surgeons; Associate (57), from the fields of neurology, neuroanatomy, neuro-ophthalmology, neurophysiology, psychiatry, psychology, roentgenology and related fields and certified by board of certification in field of primary activity; Senior (112), Active or Associate member for 10 years and age 60; Corresponding (78), reside outside the U.S. and Canada, chosen because of devotion and contributions to neurological science; Honorary (5), chosen from recognized leaders in the field of neurological sciences.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Van Wagenen Fellowship; Cushing Orator.

PUBLICATIONS: *Journal of Neurosurgery*, monthly, current volume: 34, \$25. Editor: Henry L. Heyl.

48 THE AMERICAN ASSOCIATION OF ORTHODONTISTS. 7477 Delmar Boulevard, St. Louis, Mo. 63130. (314) 726-5616. President: Harold K. Terry. Term expires May 1971. President-Elect: Fredrick B. Lehman. Secretary-Treasurer: John E. Aldrich. Term expires May 1971. Executive Director: James E. Brophy.

HISTORY AND ORGANIZATION: Formed in 1900 as The American Society of Orthodontists. Incorporated 1917 in the State of Pennsylvania as The American Association of Orthodontists. When headquarters and permanent Director were established in St. Louis, Missouri, the Association was incorporated in the State of Missouri in July, 1965 as The American Association of Orthodontists. *Geographic Divisions:* Eight. *Scientific and Technical Committees:* Councils on Orthodontic Education, Research, Orthodontic Public Health Service. *Relationship with Other Societies:* The following Societies of Orthodontists are constituents of the Association: Great Lakes; Middle Atlantic; Midwestern; Northeastern; Pacific Coast; Rocky Mountain; Southern; Southwestern.

PURPOSE: To (1) promote the art and science of orthodontics, and for that purpose to meet from time to time and enter into discussion of matters pertaining to said subject; (2) adopt rules and regulations for their government; (3) establish a code of ethics for the regulation and practice of orthodontics; (4) do all other things not inconsistent with a corporation of this character tending to the moral, intellectual and material advancement of the profession of orthodontics and to the discouragement of all practices or conduct derogatory to said profession.

MEMBERSHIP: Active (3,826), two or more academic years of advanced education in an approved program, three years in exclusive practice, membership in the local dental organization; Associate (1,028), provisional membership until qualification for active membership; Student (956), provisional membership as graduate or postgraduate students in an approved orthodontic program; Affiliated (201), foreign members; Service (55), men on active duty in the armed services.

MEMBERSHIP SERVICES: Audiovisual library; reference library; practice aids; health fair exhibits.

MEETINGS: Annual (April or May).

PROFESSIONAL ACTIVITIES: *Research:* Cooperative research with the Research Council of the American Dental Association and its Council on Dental Therapeutics. *Educational:* Workshops to develop standards for curriculum in orthodontic programs. *Prizes and Awards:* Milo Hellman Research Award, annual, outstanding work by experienced researcher; First Research Essay Award, annual, unpublished first research work; Albert H. Ketcham Memorial Award, annual, outstanding achievement and contribution to orthodontics; Distinguished Service Scroll, annual, outstanding contribution to the Association.

PUBLICATIONS: *American Journal of Orthodontics*, monthly, current volume: 58, \$17.50. Editor: B. F. Dewel. *AAO Newsletter*, quarterly, current volume: 8, free to members. Editor: James E. Brophy.

AMERICAN ASSOCIATION OF ORTHOPTIC TECHNICIANS. See AMERICAN ASSOCIATION OF CERTIFIED ORTHOPTISTS.

49 AMERICAN ASSOCIATION OF PATHOLOGISTS AND BACTERIOLOGISTS. *Address communications to:* A. James French, Secretary-Treasurer, Department of Pathology, University of Michigan Medical School, Ann Arbor, Mich. 48104. President: Chandler A. Stetson. Term expires June 1972. Secretary-Treasurer: A. James French. Term expires June 1972.

HISTORY: Organizational meeting held on April 30, 1900 at the Hotel Arlington, Washington, D.C. Incorporated 1965 in Missouri.

PURPOSE: To (1) advance knowledge of disease by scientific and educational means; (2) disseminate such knowledge.

MEMBERSHIP: Active (1,082), creditable research in pathology or bacteriology or any division of such fields, elected by the Council; Gold Headed Cane Awardees (18), outstanding pathologist chosen by Council; Emeritus (108), 65 years of age or retired from gainful professional activity.

MEETINGS: Annual (usually early March).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Gold Headed Cane Award, infrequently presented to an outstanding pathologist.

PUBLICATIONS: *American Journal of Pathology*, four issues per year, current volume: 62, \$27.50. Editor: Thomas D. Kinney.

50 THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, INC. Box 979, Tulsa, Okla. 74101. (918) 584-2555. President: William H. Curry. Term expires June 1971. President-Elect: Sherman A. Wenger. Secretary: James R. Jackson, Jr. Term expires June 1971. Treasurer: William B. Heroy, Jr. Term expires June 1972. Executive Director: Norman C. Smith.

HISTORY AND ORGANIZATION: Originated in 1917 in Tulsa, Oklahoma as the Southwestern Association of Petroleum Geologists. Name changed to present form in 1918. Incorporated 1924 in Colorado. *Geographic Divisions:* Six sections. *Specialty Divisions:* Professional Affairs; Society of Economic Paleontologists and Mineralogists. *Scientific and Technical Committees:* Research; Stratigraphic Correlations; Public Information; Publication; Statistics of Drilling; Preservation of Samples and Cores; Continuing Education; Electronic Data Processing; International Science Fair. *Relationship with Other Societies:* Seventy-one local geological societies are affiliated with the Association.

PURPOSE: To (1) advance the science of geology, especially as it relates to petroleum and natural gas; (2) promote the technology of exploring for, finding and producing these materials from the earth; (3) foster the spirit of scientific research throughout its membership (4) disseminate information relating to the geology and the associated technology of petroleum and natural gas; (5) inspire and maintain a high standard of professional conduct on the part of its members; (6) provide the public with means of recognition of adequately trained and professionally responsible petroleum geologists.

MEMBERSHIP: Active (12,337), college graduates with a degree in geology and five years' experience in geology; Associate (671), college graduates in sciences closely allied to geology; Junior (1,472), graduate students in geology, or beginning professionals; student (671), undergraduates majoring in geology; Honorary (58), Active members who have contributed distinguished service to the cause of petroleum geology; Emeritus (116), 65 years of age and 35 years as Active member in good standing; Life (73).

MEMBERSHIP SERVICES: Program for certifying petroleum geologists.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Geothermal Survey of North America; Deep Well Disposal Project; Early Diagenesis of Carbonate Sediments in a Supratidal Evaporite Setting. *Educational:* Distinguished Lecture Series; continuing education program. *Prizes and Awards:* Sidney Powers Memorial Medal Award, annual, distinguished and outstanding contributions to, or achievements in, petroleum geology; Honorary Membership, annual, bestowed upon persons who have distinguished themselves by their service and devotion to the science and profession of petroleum geology and to the Association; President's Award, annual, to honor and reward the authors of original articles published by the Association during any calendar year, George C. Matson Award, annual, made to the speaker presenting the paper which is judged to be best before the Annual Convention; Public Service Award, annual, given to member who has made outstanding contribution in public service.

PUBLICATIONS: *Bulletin of the American Association of Petroleum Geologists*, monthly, current volume: 55, \$45 (nonmembers). Editor: John D. Haun.

51 AMERICAN ASSOCIATION OF PHYSICAL ANTHROPOLOGISTS. *Address communications to:* Edward I. Fry, Secretary-Treasurer, ISEM, Southern Methodist University, Dallas, Tex. 75222. (214) 363-5611. President: Paul T. Baker. Term expires Spring 1971. Secretary-Treasurer: Edward I. Fry. Term expires Spring 1973.

HISTORY AND ORGANIZATION: Founded 1928 in Washington, D.C. *Relationship with Other Societies:* Loose ties with the International Association of Human Biologists and the Society for the Study of Human Biology.

PURPOSE: To (1) promote research, publication, teaching and study in physical anthropology; (2) encourage cooperation with anatomists, physiologists, biologists, physicians, dentists and scholars in various branches of anthropology in this and other countries.

MEMBERSHIP: Member (600), open to professional anthropologists, advanced graduate students showing evidence of professional capacity, professionals in cognate sciences, and others who have demonstrated qualification by publication or other professional activities.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Completion of an institutional registry which lists most institutions offering coursework in physical anthropology. *Educational:* Occasional student-oriented short courses. *Prizes and Awards:* Juan Comas Prize, \$100, for the best student paper at the annual meeting.

PUBLICATIONS: *American Journal of Physical Anthropology*, six issues per year, current volume: 34, \$19 (members), \$42 (nonmembers). Editor: William S. Pollitzer. *Yearbook of Physical Anthropology*, annual, current volume: 17, \$4.50. Editor: John Buettner-Janusch.

52 AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE. c/o American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017. (212) MU7-1940. President: Peter R. Almond. Term expires July 1971. President-Elect: Fearghus O'Foghluha. Secretary: Leonard Stanton. Term expires July 1971. Treasurer: Benjamin M. Galkin. Term expires July 1971.

HISTORY AND ORGANIZATION: Founded in 1958 in Chicago, Illinois. Incorporated November 10, 1965 in Washington, D.C. *Geographic Divisions:* Ten. *Scientific and Technical Committees:* General Scientific; Radiation Dosimetry; Physics of Diagnostic Radiology; Computer Applications; Nuclear Medicine; Non-ionizing Medical Physics. *Relationship with Other Societies:* Affiliated with the American Institute of Physics, represented on committees of the International Organization for Medical Physics, International Atomic Energy Agency, American Board of Health Physics, United States of America Standards Institute, National Council on Radiation Protection, International Commission on Radiological Protection; charter member of the Alliance for Engineering in Medicine and Biology.

PURPOSE: To (1) promote the application of physics to medicine and biology; (2) encourage interest and training in medical physics and related fields; (3) prepare and disseminate technical information in medical physics and related fields.

MEMBERSHIP: Honorary (2), outstanding contribution to medical physics; Emeritus (3), member in good standing, age 65; Full (496), primary and professional activity in medical and biological application of physics in medical, research or educational institutions; Associate (31), interest in the Association's activities, but ineligible for full membership; Junior (42), preparing for full membership; Affiliate (6), corporate or other industrial concerns interested in the Association's activities.

MEMBERSHIP SERVICES: Placement service; summer school at nominal fees in specific fields.

MEETINGS: Semiannual (July and December).

PROFESSIONAL ACTIVITIES: *Research:* Task forces on Hodgkins dosimetry, high energy dose protocol and regional calibration laboratories; critical evaluation of programs and methods of dose calculation; stimulation of research activities by special symposia and task forces on specific aspects; study in collaboration with the American College of Radiology on manpower needs in medical physics. *Educational:* Annual summer school course; national and regional symposia; refresher courses. *Prizes and Awards:* No regular awards are specified, but recognition is given for specific contributions and total contributions of outstanding persons.

PUBLICATIONS: *American Association of Physics in Medicine Quarterly Bulletin*, quarterly, current volume: 5, \$2. Editor: Shirley D. Vickers. *Physics in Medicine and Biology*, quarterly,

53 THE AMERICAN ASSOCIATION OF PHYSICS TEACHERS, INC. 1785 Massachusetts Avenue, N.W., Washington, D.C. 20036. (202) 483-6070. President: Bailey Donnelly. Term expires February 1972. President-Elect: Kenneth W. Ford. Secretary: James B. Gerhart. Term expires January 1974. Treasurer: Irving E. Dayton. Term expires February 1972. Executive Officer: Wilbur V. Johnson.

HISTORY AND ORGANIZATION: Founded in 1930, incorporated in 1958 in New York State. *Geographic Divisions:* Thirty. *Scientific and Technical Committees:* Physics in Education; Physics in Secondary Education; Physics in Two-Year Colleges; Apparatus for Educational Institutions; International Education in Physics; Visual Aids; Physics in Biomedical Education. *Relationship with Other Societies:* Member society of the American Institute of Physics.

PURPOSE: To (1) advance the teaching of physics; (2) further appreciation of the role of physics in our culture.

MEMBERSHIP: Regular (10,000), teachers of physics and other persons who will promote the objectives of the Association; Junior (3,000), college, junior college, or university students who have a major interest in physics and who have completed at least two one-year college physics courses or the equivalent; Sustaining (30), persons, corporations or institutions who wish to further the work of the Association; Honorary, persons deemed deserving by reason of services to the objectives of the Association; Emeritus (150), Regular members for 20 years and retired from gainful occupation because of age or disability.

MEETINGS: Semiannual (Summer and Winter).

PROFESSIONAL ACTIVITIES: Oersted Medal, notable contributions to the teaching of physics; Robert A. Millikan Lecture Award, creative work in the teaching of physics; Richtmyer Lecture, distinguished physicists invited to present memorial lecture.

PUBLICATIONS: *American Journal of Physics*, monthly, current volume: 39, \$18. Editor: Forrest I. Boley. *Physics Teacher*, 9 issues per year, current volume: 8, \$8. Editor: Clifford E. Swartz.

54 AMERICAN ASSOCIATION OF PUBLIC HEALTH DENTISTS. *Address communications to:* Durward R. Collier, Secretary-Treasurer, 310 Capitol Towers, Nashville, Tenn. 37219. (615) 741-3571. President: David A. Soricelli. Term expires October 1971. President-Elect: J. Earl Williams. Secretary-Treasurer: Durward R. Collier. Term expires October 1973.

HISTORY AND ORGANIZATION: Founded 1937. *Scientific and Technical Committees:* Public Health Practice; Manpower and Education; Dental Care; Policy, Resolutions and Legislation.

PURPOSE: To (1) advance the understanding and appreciation of dental public health within the dental profession; (2) serve as a liaison agency between dental public health dentistry and organized dentistry; (3) provide a medium for the exchange of scientific knowledge and information; (4) promote the development and improvement of dental public health practice; (5) support dental public health programs and personnel; (6) foster new programs where feasible; (7) promote the continued improvement in dental services provided in care programs supported by public.

MEMBERSHIP: Active (400), dentists actively engaged in dental public health; Associate (25), dental administrators, clinicians, dental hygienists and assistants, researchers, teachers, physicians, nurses and others interested in dental public health.

MEETINGS: Annual (Fall).

PUBLICATIONS: *Journal of Public Health Dentistry*, quarterly, current volume: 31, \$10. Editor: Kenneth A. Easlick.

AMERICAN ASSOCIATION OF RADIOLOGICAL TECHNICIANS. See THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS.

AMERICAN ASSOCIATION OF SCHOOL PHYSICIANS. See AMERICAN SCHOOL HEALTH ASSOCIATION.

55 AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS. Address communications to: Robert T. Clark, Secretary-Treasurer, Mobil R&D Corporation, P.O. Box 900 (FRL), Dallas, Tex. 75221. (214) FE1-6531. President: Alfred Traverse. Term expires October 1971. Secretary-Treasurer: Robert T. Clark. Term expires October 1971.

HISTORY: Founded December 8-9, 1967 at Tulsa, Oklahoma, with 31 charter members. First annual meeting at Baton Rouge, Louisiana October 17-19, 1968.

PURPOSE: To (1) promote the science of palynology, especially as it relates to stratigraphic applications and biostratigraphy; (2) foster the spirit of scientific research among its members; (3) disseminate information relating to palynology.

MEMBERSHIP: Member (275), interest in palynology, application signed by two Members; Institutional (5).

MEETINGS: Annual (October).

PUBLICATIONS: *Newsletter, The American Association of Stratigraphic Palynologists*, 2-4 issues per year, current volume: 4, free to members. Editor: Richard W. Hedlund. *Circular, The American Association of Stratigraphic Palynologists*, infrequent, free to members. Editor: Richard W. Hedlund. *Contributions Series, American Association of Stratigraphic Palynologists*, infrequent, current volume: 1, free to members. Editor: Richard W. Hedlund. *Proceedings, American Association of Stratigraphic Palynologists*, annual, current volume: 1, free to members, \$7.50 (nonmembers). Editors: R. T. Clarke and R. W. Hedlund.

AMERICAN ASSOCIATION OF TECHNICAL HIGH SCHOOLS AND INSTITUTES. See AMERICAN TECHNICAL EDUCATION ASSOCIATION, INC.

56 AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS. P.O. Box 12215, Research Triangle Park, N.C. 27709. (919) 549-8141. President: Edwin I. Stearns. Term expires December 1971. Treasurer: Ernest J. Chornyci. Term indefinite. Executive Secretary: George P. Paine. Term expires December 1973.

HISTORY AND ORGANIZATION: Founded 1921 in Boston, Massachusetts by 270 charter members. Incorporated the same year in Massachusetts. *Geographic Divisions*: Fifteen sections; six student chapters. *Specialty Divisions*: Executive Committee on Research; Technical Committee on Research; International Test Methods; Technical Subjects; Publications. *Scientific and Technical Committees*: Many committees on test methods and textile technology appointed by and working under the Technical Committee on Research; Special Research Committees; Reference Committees. *Relationship with Other Societies*: Founder member of the Textile Research Institute; joint publisher of the *Colour Index* with The Society of Dyers and Colourists (U.K.); contributor to and participant in the American National Standards Institute; Member of the International Color Council; participant in the International

Organization for Standardization.

PURPOSE: To (1) promote increase of knowledge of the application of dyes and chemicals in the textile industry; (2) encourage in any practical way research work on chemical processes and materials of importance to the textile industry; (3) establish for the members channels by which the interchange of professional knowledge among them may be increased.

MEMBERSHIP: Senior (8,500), over 26 years of age, five years experience in the industry; Associate (1,500), over 26 years of age, general interest; Junior (500), under 26 years of age, working in textiles; Student (300), enrolled in academic institution; Corporate (300), general interest.

MEMBERSHIP SERVICES: Technical information on request.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research*: Internationally recognized broad program in standard methods of testing dyed and chemically treated fibers to measure and evaluate performance characteristics. *Educational*: Workshops, seminars and symposia; individual membership competition scholarships. *Prizes and Awards*: Olney Medal, annual, highest scientific award for outstanding achievement in textile chemistry or related areas; Harold C. Chapin Award, annual, Senior member at least 20 years, outstanding service to the Association; Honorary Members, distinguished service to industry; Student Awards, annual, to seniors for outstanding undergraduate work in textile chemistry; Intersectional Technical Paper Competition.

PUBLICATIONS: *Textile Chemist and Colorist*, monthly, current volume: 3, \$7.50. *AATCC Technical Manual*, annual, current volume: 46, \$5 (members), \$15 (nonmembers). *AATCC Membership Directory*, annual, \$2.50 (members only). *Products/71*, annual, current volume: 32, \$10. Editor of Publications: Jack Kissiah.

57 AMERICAN ASSOCIATION OF VETERINARY PARASITOLOGISTS. Address communications to: R. R. Bell, Secretary-Treasurer, Department of Veterinary Parasitology, Texas A&M University, College Station, Tex. 77843. (713) 845-2851. President: H. J. Griffith. Term expires July 1971. Secretary-Treasurer: R. R. Bell. Term expires July 1971.

HISTORY AND ORGANIZATION: Founded 1956. *Relationship with Other Societies*: Ancillary group of the American Veterinary Medical Association.

PURPOSE: To (1) provide for the association of persons interested in veterinary parasitology; (2) further scientific progress by education and research in veterinary parasitology.

MEMBERSHIP: Member (120), degree in veterinary medicine, advanced studies in parasitology; Associate (15), degree other than in veterinary medicine, advanced studies in parasitology.

MEETINGS: Annual (Summer).

PUBLICATIONS: *Proceedings of Annual Meeting*, annual. Editor: R. R. Bell.

58 AMERICAN ASSOCIATION ON MENTAL DEFICIENCY. 5201 Connecticut Avenue N.W., Washington, D.C. 20015. (202) 244-8143. President: Horace Mann. Term expires June 1971. President-Elect: Robert L. Erdman. Secretary-Treasurer: Frank Gilbert. Term expires June 1974. Executive Director: George Solovay.

HISTORY AND ORGANIZATION: Originated June 6, 1876 in Elwyn, Pennsylvania as the Association of Medical Officers of American Institutions for Idiotic and Feeble-Minded Persons. Name changed to American Association for the Study of the Feeble-Minded in 1906, to present name in 1933.

Incorporated March 11, 1938 in Pennsylvania. *Geographic Divisions*: Eleven regions; five state chapters, one local chapter. *Specialty Divisions*: Divisions of Administration, Education, General, Medicine, Nursing, Psychology, Social Work; Subdivisions of Private Residential Facilities, Physical Therapy, Recreation, Religion, Speech Pathology and Audiology, Vocational Rehabilitation and Resident Living. *Scientific and Technical Committees*: International Activities; Research; Terminology and Classification; Ad Hoc Committees on Legislative and Social Issues and Use and Construction of Data Banks. *Relationship with Other Societies*: Affiliated with the American Academy on Mental Retardation and the International Association for the Scientific Study of Mental Deficiency.

PURPOSE: To (1) provide a professional organization facilitating cooperation among those engaged in the study, training, treatment and care of the mentally deficient; (2) support the highest standards of study, training, treatment and care of the mentally deficient; (3) encourage research training, treatment and care of the mentally deficient; (4) seek continuous development of professional staff and student interest in the field of mental deficiency; (5) promote the welfare of those who are mentally deficient, the individuals who work with them, and the concern for the field in general.

MEMBERSHIP: Active (5,705), persons with three years of professional experience in the field; Fellow (763), persons who have seven years of Active membership in the Association and who have made meritorious contributions; Associate (871), persons with less than three years' experience in the field of mental deficiency; Affiliate (279), professional persons not actively engaged in the field of mental deficiency or closely allied fields, including student affiliates; Life (105), persons who have maintained membership as Fellows or Active members for 30 years; Honorary (7), persons who have earned distinction by scientific or practical contribution to the field of mental deficiency or allied fields; Sustaining (18); Student (436), full-time college or university students majoring in fields related to mental deficiency; Retired (55), ten-year members who have retired due to ill health or attainment of retirement age.

MEMBERSHIP SERVICES: Owns the copyright and distributes the Adaptive Behavior Scale; collaborates with national voluntary agencies in legislation and program interpretation; consults federal agencies; develops State and local chapters enabling more frequent meetings with colleagues; handles requests for information.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Research*: Study on terminology and classification; review of standards for residential facilities of the mentally retarded developed by the National Planning Committee on the Accreditation of Facilities of the Mentally Retarded; development of standards for community programs for the mentally retarded; International Research Seminar on Vocational Rehabilitation of the Mentally Retarded. *Prizes and Awards*: Annual awards for service, science, leadership, training and special category.

PUBLICATIONS: *American Journal of Mental Deficiency*, bimonthly, current volume: 75, \$18. Editor: H. Carl Haywood. *Mental Retardation*, bimonthly, current volume: 9, \$7. Editor: Ste Allen Warren. *Directory of Members*, every 2-3 years, \$5. *Directory of Residential Facilities*, every 3-4 years, \$5.

59 AMERICAN ASTRONOMICAL SOCIETY. 211 Fitz-Randolph Road, Princeton, N.J. 08540. (609) 452-3819. President: Martin Schwarzschild. Term expires 1972. Secretary: Laurence W. Fredrick. Term expires 1971. Treasurer: Frank K. Edmondson. Term expires 1972. Executive Officer: H. M. Gurin.

HISTORY AND ORGANIZATION: Originated September 6-8, 1899 at Yerkes Observatory in Green Bay, Wisconsin as the Astronomical and Astrophysical Society of America. In 1914 the name was changed to the present form. Incorporated 1928 in Illinois. *Specialty Divisions*: Dynamical Astronomy; High Energy Astrophysics; Planetary Science; Solar Physics. *Scientific and Technical Committees*: Education for Astronomy; Working Group on Photographic Materials. *Relationship with Other Societies*: Member of American Institute of Physics.

PURPOSE: To advance astronomy and closely related branches of science.

MEMBERSHIP: Member (1,856), elected by Council, capable of preparing acceptable paper in astronomy or related science; Associate (657), at least 26 years of age, serious interest in the advancement of astronomy; Junior (342), under 26 years of age, serious interest in the advancement of astronomy.

MEMBERSHIP SERVICES: Placement; consultants; visiting professors program; travel services for special meetings.

MEETINGS: Triannual (March, August and December); Semi-annual, every third year (June and December).

PROFESSIONAL ACTIVITIES: *Educational*: Career brochure; conference on education; films for astronomy; educational consulting; visiting professors. *Prizes and Awards*: Annie J. Cannon Prize, every three years, certificate, monetary award, to women for distinguished contribution to astronomy; Helen B. Warner Prize, annual, \$500, significant contribution to astronomy; Henry Norris Russell Lecture prize, annual lecture in broad astronomical field by person eminent in astronomical research.

PUBLICATIONS: *Astronomical Journal*, ten issues per year, current volume: 76, \$25 (domestic), \$29 (foreign). Editor: Lodewyk Woltjer. *Bulletin of the American Astronomical Society*, four issues per year, current volume: 3, \$8. Editor: H. M. Gurin. *Astrophysical Journal*, 12 issues per year, \$50 (domestic).

60 AMERICAN AUTOMATIC CONTROL COUNCIL. *Address communications to*: Gerald Weiss, Secretary, Polytechnic Institute of Brooklyn, 333 Jay Street, Brooklyn, N.Y. 11201. (212) 643-2111. President: Charles M. Doolittle. Term expires December 1971. Secretary: Gerald Weiss. Term expires December 1971. Treasurer: William E. Vannah. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded March 1957 in Chicago, Illinois as the North American Control Council. Name changed to American Automatic Control Council in October of the same year. *Scientific and Technical Committees*: Control Theory; Control Applications; Control Components; Control Terminology; Control Education; Automation; Systems; Space; Biological Control. *Relationship with Other Societies*: The Council is a federation of societies. Sponsoring Societies - American Institute of Aeronautics and Astronautics; American Institute of Chemical Engineers; American Society of Mechanical Engineers; Institute of Electrical and Electronics Engineers; Instrument Society of America. Participating Societies - Simulation Councils; Society for Industrial and Applied Mathematics. The Council is affiliated with the International Federation of Automatic Control.

PURPOSE: To (1) promote cooperation among the various segments of the automatic control profession in the U.S.; (2) represent the U.S. automatic control profession in international activities.

MEMBERSHIP: Sponsoring Society (5), must be nonprofit membership society with headquarters in the U.S. and with nationwide membership and a professional, scientific, or engineering society with a division actively engaged in automatic control; Participating Society (2), must be a nonprofit society with headquarters in U.S. and nationwide membership.

MEMBERSHIP SERVICES: Represents the member societies in the activities of the International Federation of Automatic Control.

MEETINGS: Triannual (Spring, Summer, Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Best Paper Prize, annual, best paper presented at the Joint Automatic Control Conference; Donald P. Eckman Memorial Award, annual, to a young outstanding contributor in the field of automatic control.

PUBLICATIONS: *Joint Automatic Control Conference*, annual.

AMERICAN BOARD OF LABORATORY ANIMAL MEDICINE.

See AMERICAN COLLEGE OF LABORATORY ANIMAL MEDICINE.

AMERICAN BREEDERS ASSOCIATION. See AMERICAN GENETIC ASSOCIATION.

61 AMERICAN BRYOLOGICAL AND LICHENOLOGICAL SOCIETY, INC. *Address communications to:* Betty E. Lemmon, Secretary-Treasurer, Department of Biology, University of Southwestern Louisiana, Lafayette, La. 70501. (318) 233-3850. President: William A. Weber. Term expires June 1971. Secretary-Treasurer: Betty E. Lemmon. Term expires June 1971.

HISTORY AND ORGANIZATION: Originated in 1898 in Plymouth, New Hampshire as the Sullivant Moss Chapter of the Agassiz Association. Became independent in 1900 under the name of Sullivant Moss Society. The name was changed to the American Bryological Society in 1949 and to the American Bryological and Lichenological Society, Inc. in 1969. Incorporated 1965 in Missouri. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences; represented on the governing board of the American Association for the Advancement of Science.

PURPOSE: To (1) promote interests in the study of bryology and lichenology; (2) provide an opportunity for the presentation of research studies in these subjects; (3) provide a means of publication of such studies; (4) facilitate the exchange of specimens; (5) build up reference collections of mosses, liverworts and lichens.

MEMBERSHIP: Individual (465); Institution (428).

MEMBERSHIP SERVICES: Annual foray; moss and liverwort exchanges; moss, liverwort and lichen herbaria; identification of specimens.

MEETINGS: Annual (usually August).

PUBLICATIONS: *The Bryologist*, four issues per year, current volume: 74, \$8 (regular), \$5 (student), \$12 (institutions). Editor: William D. Reese.

62 THE AMERICAN CERAMIC SOCIETY, INC. 4055 North High Street, Columbus, Ohio 43214. (614) 268-8645. President: William J. Smothers. Term expires May 1972. President-Elect: Theodore J. M. Planje. Treasurer: William R. Prindle.

Term expires May 1972. Secretary and Executive Director: Frank P. Reid. Term indefinite.

HISTORY AND ORGANIZATION: Founded February 6, 1899 at Columbus, Ohio, under the leadership of Edward Orton, Jr., the Society had 15 charter members. Incorporated 1905 in Ohio. *Geographic Divisions:* Thirty sections. *Specialty Divisions:* Basic Science; Ceramic-Metal Systems; Design; Electronics; Glass; Materials and Equipment; Nuclear; Refractories; Structural Clay Products; White Wares; Ceramic Educational Council. *Scientific and Technical Committees:* Classification, Nomenclature and Standards. *Relationship with Other Societies:* Affiliated through the National Institute of Ceramic Engineers with the Engineers Joint Council, the Engineers Council for Professional Development and the American Society for Engineering Education; member of the International Commission on Glass and the Inter-Society Color Council.

PURPOSE: To promote the arts and sciences connected with ceramics by means of meetings for the reading and discussion of professional papers and for the publication of professional literature.

MEMBERSHIP: Member (5,973), interest in any phase of ceramic work; Junior (297), under 26 years of age, not qualified for student membership; Student (706), enrolled for at least ten credit hours work in a recognized college or university; Corporation (327), firms desiring to aid materially in growth of ceramic science.

MEMBERSHIP SERVICES: Reduced rates on the Society's special publications; reduced meeting registration fees.

MEETINGS: Annual (April or May); Annual Divisionals (September or October).

PROFESSIONAL ACTIVITIES: *Research:* Annual international survey of current ceramic research. *Educational:* Continuing education program cooperatively sponsored by the Society's sections and universities. *Prizes and Awards:* Orton Memorial Lecture, annual, by one noted for scholarly attainments in the ceramic or related fields; Ross Coffin Purdy Award, most valuable contribution to ceramic technical literature during the previous year; John Jeppon Medal, distinguished service within the realm of ceramics; Pace Award, annual, to a person 21-40 years of age, for distinguished achievements in the ceramic industry and to illustrate opportunities in ceramic engineering; Greaves-Walter Award, annual, outstanding service to the ceramic engineering profession by a registered professional engineer over 41 years of age.

PUBLICATIONS: *Journal of The American Ceramic Society* (with Ceramic Abstracts Section), monthly, current volume: 54, \$30 (including Ceramic Bulletin). Editor: Herbert Insley. *American Ceramic Society Bulletin*, monthly, current volume: 50, \$15. Editor: Herbert Insley.

63 AMERICAN CHEMICAL SOCIETY. 1155 16th Street, N.W., Washington, D.C. 20036. (202) 737-3337. President: Melvin Calvin. Term expires December 1971. President-Elect: Max Tishler. Treasurer: Robert V. Mellefont. Term indefinite. Executive Director: Frederick T. Wall. Term indefinite.

HISTORY AND ORGANIZATION: Founded in New York City April 6, 1876 as the American Chemical Society (ACS). Incorporated 1877. Granted a national charter by Congress 1937. *Geographic Divisions:* One hundred and seventy-four. *Specialty Divisions:* Agricultural and Food Chemistry; Analytical Chemistry; Biological Chemistry; Carbohydrate Chemistry; Cellulose, Wood and Fiber Chemistry; Chemical Education; Chemical Literature; Chemical Marketing and Economics;

Colloid and Surface Chemistry; Fertilizer and Soil Chemistry; Fluorine Chemistry; Fuel Chemistry; History of Chemistry; Industrial and Engineering Chemistry; Inorganic Chemistry; Molecular Chemistry; Microbial Chemistry and Technology; Nuclear Chemistry and Technology; Organic Chemistry; Organic Coatings and Plastics Chemistry; Pesticides Chemistry; Petroleum Chemistry; Physical Chemistry; Polymer Chemistry; Rubber Chemistry; Water, Air, and Waste Chemistry. *Scientific and Technical Committees:* Civil Defense and Disaster; Education and Students; Professional Training; Chemical Education; Analytical Reagents; Chemical Safety; Nomenclature; Standardization Relations.

PURPOSE: To (1) encourage in the broadest and most liberal manner the advancement of chemistry in all its branches; (2) promote research in chemical science and industry; (3) improve the qualifications and usefulness of chemists through high standards of professional ethics, education and attainments; (4) increase and diffuse chemical knowledge; (5) by its meetings, professional contacts, reports, papers, discussion and publications seek to promote scientific interests and inquiry, thereby fostering public welfare and education, aiding the development of our country's industries, and adding to the material prosperity and happiness of our people.

MEMBERSHIP: Member (97,205), (a) Ph.D. in chemistry or chemical engineering, or (b) M.S. in the same disciplines plus one year's experience, or (c) Bachelor's degree in the same disciplines plus two years' experience if degree is from ACS approved school, five years' experience if degree is not from ACS approved school; Associate (17,188), training as for Member but lacking experience requirements, or student in above disciplines with 3/4 of requirements for Bachelor's degree completed and including at least 24 semester hours in above disciplines; Student Affiliate (8,090), student enrolled in course work leading to an associate or Bachelor's degree in chemistry or chemical engineering.

MEMBERSHIP SERVICES: Employment aids, national and local. **MEETINGS:** Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Primary publications, including photocomposition and computer-aided photocomposition, selective dissemination of information; secondary information services—abstracting, indexing, computer storage and retrieval of scientific information and data; manpower surveys; salary surveys. *Educational:* The ACS Education Department provides career literature, services to high school and college chemical education and a continuing education program which offers short 1 to 4 day courses, audio courses, film courses and corresponding courses; the Society also administers the income from the Petroleum Research Fund to provide grants and fellowships in excess of \$4 million in support of advanced scientific education and fundamental research in the petroleum field. *Prizes and Awards:* Roger Adams Award in Organic Chemistry, biennial, to recognize and encourage outstanding contributions to research in organic chemistry, \$10,000; ACS Award for Creative Invention, to recognize individual inventors for successful applications of research in chemistry and/or chemical engineering which contribute to the material prosperity and happiness of people; ACS Award for Creative Work in Synthetic Organic Chemistry, to recognize and encourage creative work in synthetic organic chemistry, \$2,000; ACS Award for Distinguished Service in the Advancement of Inorganic Chemistry, to recognize distinguished services to the advancement of inorganic chemistry, \$2,000; ACS Award for

Nuclear Applications in Chemistry, to recognize encourage and stimulate isotopic applications in the field of chemistry, \$2,000; ACS Award in Analytical Chemistry, to recognize and encourage outstanding contributions to the science of analytical chemistry, pure or applied, carried out in the U.S. or Canada, \$2,000; ACS Award in Biological Chemistry to stimulate fundamental research in biological chemistry (excepting therefrom immunology, clinical investigations, pharmacology, and experimental therapeutics) by young chemists working in the U.S., \$2,000; ACS Award in Chemical Education, to recognize outstanding contributions to chemical education, \$2,000; ACS Award in Chemical Instrumentation, to recognize and encourage achievement in the origination or improvement of analytical methods by instrumentation, \$2,000; ACS Award in Chromatography, to recognize outstanding contributions to the fields of chromatography, \$2,000; ACS Award in Colloid or Surface Chemistry, to recognize and encourage outstanding scientific contributions to colloid or surface chemistry in the U.S. and Canada, \$2,000; ACS Award in Enzyme Chemistry, to stimulate fundamental research in enzyme chemistry in the U.S. by young men and women, \$2,000; ACS Award in Inorganic Chemistry, to recognize and encourage fundamental research in the field of inorganic chemistry, \$2,000; ACS Award in Petroleum Chemistry, to recognize, encourage and stimulate outstanding research achievements in the field of petroleum chemistry in the U.S. and Canada, \$5,000; ACS Award in Polymer Chemistry, to recognize outstanding contributions to polymer chemistry, \$2,000; ACS Award in Pure Chemistry, to recognize and encourage fundamental research in pure chemistry carried out in North America by young men and women, \$2,000; ACS Award in the Chemistry of Plastics and Coatings, to recognize and encourage outstanding achievements in the chemistry of plastics and coatings to be defined as including, but not necessarily limited to, plastics, plastic films, paints, printing inks, industrial coatings, and adhesives, \$1,000; James Bryant Conant Award in High School Chemistry Teaching, annual, to recognize, encourage and stimulate outstanding teachers of high school chemistry in the U.S., its possessions or territories, six awards of \$1,000 each; Peter Debye Award in Physical Chemistry, to encourage and reward outstanding research in physical chemistry, \$2,000; Garvan Medal, to recognize distinguished service to chemistry by women chemists, citizens of the U.S., \$2,000; James T. Grady Award for Interpreting Chemistry for the Public, to recognize, encourage and stimulate outstanding reporting directly to the public, which materially increases the public's knowledge and understanding of chemistry, chemical engineering, and related fields, \$2,000; Ernest Guenther Award in the Chemistry of Essential Oils and Related Products, to recognize and encourage outstanding achievement in analysis, structure elucidation, chemical synthesis of essential oils, isolates, flavors and related substances, \$2,000; Ipatieff Prize, triennial, to recognize outstanding chemical experimental work in the field of catalysis or high pressure, carried out by men or women of any nationality and not over 40 years of age, approximately \$3,000; Frederic Stanley Kipping Award in Organosilicon Chemistry, to recognize distinguished achievement in research in organosilicon chemistry and, by such example, to stimulate the creativity of others toward further achievement of this field of chemistry, \$2,000; Irving Langmuir Award in Chemical Physics, even-numbered years, to recognize and encourage outstanding interdisciplinary research in chemistry and physics, in the spirit of Irving Langmuir, \$5,000; E. V. Murphree Award in Industrial and Engineering Chemistry, to

stimulate fundamental research in industrial and engineering chemistry, the development of chemical engineering principles and their application to industrial processes, \$2,000; James Flack Norris Award, to encourage and reward outstanding contributions to physical organic chemistry, \$2,000; Charles Lathrop Parsons Award, triennial, to recognize outstanding public service by a member of the Society, \$2,000; Priestley Medal, to recognize distinguished services to chemistry; ACS Award for Outstanding Performance by Local Sections, to recognize outstanding activities and performance by local sections of the Society.

PUBLICATIONS: *Analytical Chemistry*, monthly, current volume: 43, \$5 (members), \$7 (nonmembers). Editor: H. A. Laitinen. *Journal of the American Chemical Society*, biweekly, current volume: 93, \$22 (members), \$44 (nonmembers). Editor: Martin Stiles. *Biochemistry*, biweekly, current volume: 10, \$20 (members), \$40 (nonmembers). Editor: Hans Neurath. *Journal of Medicinal Chemistry*, monthly, current volume: 14, \$15 (members), \$30 (nonmembers). Editor: Alfred Burger. *Inorganic Chemistry*, monthly, current volume: 10, \$18 (members), \$36 (nonmembers). Editor: M. Frederick Hawthorne. *Journal of Organic Chemistry*, biweekly, current volume: 36, \$20 (members), \$40 (nonmembers). Editor: Frederick D. Greene. *Journal of Agricultural and Food Chemistry*, bi-monthly, \$10 (members), \$20 (nonmembers). Editor: Philip K. Bates. *Journal of Chemical and Engineering Data*, quarterly, current volume: 16, \$15 (members), \$30 (nonmembers). Editor: Bruce H. Sage. *Macromolecules*, bimonthly, current volume: 4, \$12 (members), \$24 (nonmembers). Editor: Field H. Winslow. *Accounts of Chemical Research*, monthly, current volume: 4, \$5 (members), \$10 (nonmembers). Editor: Joseph F. Bunnett. *Chemical Reviews*, bimonthly, current volume: 71, \$13 (members), \$26 (nonmembers). Editor: Harold Hart. *Journal of Physical Chemistry*, biweekly, current volume: 75, \$20 (members), \$40 (nonmembers). Editor: Bryce L. Crawford, Jr. *Journal of Chemical Documentation*, quarterly, current volume: 11, \$7 (members), \$14 (nonmembers). Editor: Herman Skolnik. *Industrial and Engineering Chemistry - Fundamentals*, quarterly, current volume: 10, \$7 (members), \$14 (nonmembers). Editor: Robert L. Pigford. *Industrial and Engineering Chemistry - Process Design and Development*, quarterly, current volume: 10, \$7 (members), \$14 (nonmembers). Editor: Hugh M. Hulburt. *Industrial and Engineering Chemistry - Product Research and Development*, quarterly, current volume: 10, \$7 (members), \$14 (nonmembers). Editor: Howard L. Gerhart. *Environmental Science and Technology*, monthly, current volume: 5, \$5 (members), \$7 (nonmembers). Editor: James J. Morgan. *Chemical and Engineering News*, weekly, current volume: 49, free to members, \$7 (nonmembers). Editor: Patrick P. McCurdy. *Chemistry*, 11 issues per year, current volume: 44, \$6. Editor: O. Theodor Benfey. *Chemical Technology*, monthly, current volume: 1, \$9 (members), \$18 (nonmembers). Editor: Benjamin Luberoft. *Chemical Abstracts*, weekly, current volume: 74/75, \$1,950 (full-service), \$1,450 (educational grant), \$1,800 (issues only). Editor: Russell J. Rowlett. *Chemical-Biological Activities*, biweekly, current volume: 13, \$1,100 (full-service), \$100 (issues only). Editor: Russell J. Rowlett. *Chemical Titles*, biweekly, current volume: 11, \$30 (members), \$60 (nonmembers). Editor: Russell J. Rowlett. *Plastics Industry Notes*, weekly, current volume: 5, \$225. Russell J. Rowlett. *Polymer Science and Technology - Journals*, biweekly, current volume: 8, \$1,200 (full-service), \$100 (issues only). Editor: Russell J. Rowlett. *Polymer Science and Technology - Patents*, biweekly,

current volume: 8, \$1,000 (full-service), \$100 (issues only). Editor: Russell J. Rowlett. *Chemical Abstracts Service Source Index Quarterly*, quarterly, current volume: 1971, \$75. Editor: Russell J. Rowlett.

64 AMERICAN CHIROPRACTIC ASSOCIATION, INC. 2200 Grand Avenue, Des Moines, Iowa, 50312. (515) 243-1121. President: Hoyt B. Duke. Term expires June 1971. Secretary and Executive Director: Louis O. Gearhart. Term indefinite. Treasurer: Nancy Wilkins.

HISTORY AND ORGANIZATION: Founded in 1934 as National Chiropractic Association, chartered in Delaware. Name changed to American Chiropractic Association in Chicago, Illinois in June 1963. *Geographic Divisions:* Eight districts. *Specialty Divisions:* Councils on Orthopedics, Mental Health, Technic, Roentgenology, Physiotherapy, Women Chiropractors. *Scientific and Technical Committees:* Posture; Physical Fitness; Clinical Research; Insurance Relations; Insurance Review; Industrial and Labor Relations; Public Health; Ethics; Instrumentation.

PURPOSE: To (1) serve as a representative membership organization of the chiropractic profession; (2) maintain the science of chiropractic as a separate and distinct healing arts profession; (3) establish and maintain standards of education, ethics, research and professional competency.

MEMBERSHIP: General (6,138), state licensed; Associate (270), college faculty; Courtesy (436), state licensed - first and second year of practice; Student (124), enrolled in chiropractic colleges; Foreign (74), licensed in foreign countries.

MEMBERSHIP SERVICES: Scientific and research information; professional relations; public relations; legislative relations.

MEETINGS: Annual (June or July).

PROFESSIONAL ACTIVITIES: *Research:* Investigation of relationship of worker environment with worker physiology. *Educational:* Courses in chiropractic technic, roentgenology, physiotherapy and orthopedics. *Prizes and Awards:* Annual Scientific Paper Award.

PUBLICATIONS: *Journal of the American Chiropractic Association*, monthly, current volume: 8, \$5. Editor: Carolyn Collins. *Healthways*, 10 issues per year, current volume: 25, \$2.50. Editor: Louise Brownson.

65 AMERICAN COLLEGE OF CARDIOLOGY. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-1600. President: Forrest H. Adams. Term expires March 1972. President-Elect: Samuel M. Fox, III. Executive Director: William D. Nelligan. **HISTORY:** Formed in 1949. Incorporated same year in the District of Columbia.

PURPOSE: To promote the continuing education and training of specialists in diseases of the heart and blood vessels.

MEMBERSHIP: Affiliate (607); Associate Fellow (989), certification by an appropriate specialty board, training in cardiology, recognition of abilities and promises as a cardiologist, publications; Fellow (2,990), 32 years of age, requirements for Associate Fellow, certification by an appropriate specialty sub-board, recognition by peers and colleagues of stature as a cardiologist, contributions to the scientific literature.

MEETINGS: Annual (February or March).

PROFESSIONAL ACTIVITIES: *Educational:* Continuing education seminars; monthly audio tape journal in cardiology. *Prizes and Awards:* Young Investigators Award, annual; Distinguished Service Award, annual, Gifted Teacher Award, annual; Distinguished Fellow, annual.

PUBLICATIONS: *American Journal of Cardiology*, monthly, current volume: 27, \$18. Editor: Simon Dack.

66 AMERICAN COLLEGE OF CHEST PHYSICIANS. 112 East Chestnut Street, Chicago, Ill. 60611. (312) 787-4933. President: Arthur M. Master. Term expires October 1971. President-Elect: David P. Boyd. Executive Director: Alfred Soffer.

HISTORY AND ORGANIZATION: Founded 1935. Incorporated July 31, 1942 in Illinois. *Geographic Divisions:* Eighty-one. *Scientific and Technical Committees:* Aerospace Medicine; Biomedical Engineering; Bronchoesophagology; Cardiomyopathies; Cardiovascular Physiology; Chest Radiology and Angiography; Coronary Disease; Electrocardiography and Vectorcardiography; Organ Transplantation; Rehabilitation; Allergy; Cardiovascular Surgery; Chemotherapy and Antibiotics; Environmental Health; Inhalation Therapy and Mechanical Aids to Respiration; Postgraduate Medical Education; Cardiopulmonary Diseases in Children; Pulmonary Physiology; Pulmonary Surgery; Undergraduate Medical Education; Cancer; Emphysema; Fungus Diseases; Hypertension; Tuberculosis. *Relationship with Other Societies:* Associated member of the Council for International Organizations.

PURPOSE: To (1) further undergraduate and postgraduate medical education and research in diseases of the chest (heart and lungs) throughout the world; (2) promote the highest standards of scientific endeavor in the specialty of chest diseases in all countries.

MEMBERSHIP: Fellow; Associate Fellow; Associate; Affiliate; Honorary Fellow; Fellow Emeritus.

MEETINGS: Annual (October); Interim Meeting (June); International Congress, biennial (Summer).

PROFESSIONAL ACTIVITIES: *Research:* Study of operations for coronary heart disease; study of manpower needs in pulmonary disease. *Educational:* Continuing education program. *Prizes and Awards:* Cecile Lehman Mayer Research Award, annual, \$1,000, best paper on cardiovascular or pulmonary disease; Alfred A. Richman Essay Contest, annual, three cash prizes to undergraduate medical students for winning essays on diagnosis and treatment of cardiovascular or pulmonary diseases; College Medal, annual, to the physician who is judged to have contributed significantly to a field of chest medicine; International College Medal, annual, same purpose as College Medal, presented at International Congress.

PUBLICATIONS: *Chest*, monthly, current volume: 59, \$18 (domestic), \$20 (foreign). Editor: Alfred Soffer. *Bulletin*, quarterly, current volume: 10, free to members. Editor: Bradford W. Claxton.

67 AMERICAN COLLEGE OF DENTISTS, INC. 7316 Wisconsin Avenue, Bethesda, Md. 20014. (301) 656-1156. President: William E. Brown, Jr. Executive Director: Robert J. Nelsen.

HISTORY AND ORGANIZATION: Founded 1920 in Cedar Rapids, Iowa. Incorporated 1970 in Maryland. *Geographic Divisions:* Thirty-six local sections.

PURPOSE: To (1) advocate and support the highest ideals of the dental profession; (2) foster the advancement of health through programs in education research, communication and delivery of service so that the dental profession always will be of optimum service to humanity.

MEMBERSHIP: Active (3,200), by invitation, following nomination by two Fellows and evaluation of accomplishment by the Committee on Credentials; Life (900); Honorary (34).

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Institute for Advanced Education in Dental Research; special studies; workshops. *Prizes and Awards:* Awards for unusual performances. *PUBLICATIONS:* *Journal of the American College of Dentists*, quarterly, current volume: 38, \$10. Editor: Robert I. Kaplan.

68 AMERICAN COLLEGE OF GENERAL PRACTITIONERS IN OSTEOPATHIC MEDICINE AND SURGERY. 111 W. Washington Street, Suite 1940, Chicago, Ill. 60602. (312) 368-8619. President: T. Robert Sharp. Term expires October 1971. President-Elect: Vernon J. Sloan. Secretary: James L. Rowland. Term expires October 1971. Treasurer: James C. Gazdagh. Executive Secretary: John J. Hank.

HISTORY AND ORGANIZATION: Founded in 1950 in California. Chartered in Illinois. *Geographic Divisions:* Sixteen state societies. *Scientific and Technical Committees:* Disaster Medicine; Educational; Residency Scholarship; Preceptee Scholarship. *Relationship with Other Societies:* Member of American Osteopathic Association.

PURPOSE: To (1) advance the standards of general practice in the field of osteopathic medicine and surgery; (2) encourage and improve education opportunities for the training of general practitioners in all branches of osteopathic medicine and surgery; (3) aid in establishing a Department of General Practice in all hospitals; (4) promote better understanding of the services rendered by the general practitioner and his relationship to specialists; (5) abide by the Code of Ethics of the American Osteopathic Association.

MEMBERSHIP: Active (2,000), American Osteopathic Association member, one year internship, three years in practice, graduate of approved college; Fellow (75), Active working within profession to betterment of general practitioner; Candidate (100), in practice less than three years.

MEMBERSHIP SERVICES: Hospital and professional problems.

MEETINGS: Semiannual (July and October).

PROFESSIONAL ACTIVITIES: *Educational:* Three courses annually on current topics in medicine; 50 awards annually, \$200 each, to students in preceptee training program. *Prizes and Awards:* Eight annual Fellowship Awards.

PUBLICATIONS: *ACGP Newsletter*, monthly, current volume: 1, free to members. Editor: J. R. Forbes.

69 AMERICAN COLLEGE OF LABORATORY ANIMAL MEDICINE. Address communications to: James R. Pick, Secretary-Treasurer, University of North Carolina School of Medicine, Chapel Hill, N.C. 27514. (919) 966-3352. President: J. Russell Lindsey. Term expires July 1971. President-Elect: Robert Yager. Secretary-Treasurer: James R. Pick. Term expires July 1972.

HISTORY AND ORGANIZATION: Founded in 1957 as the American Board of Laboratory Animal Medicine. Incorporated 1957 in Illinois. *Relationship with Other Societies:* Specialty Board of the American Veterinary Medical Association (AVMA); affiliate of the American Association for Laboratory Animal Science.

PURPOSE: To (1) encourage education, research and training in laboratory animal medicine; (2) establish standards of training and experience for qualification of specialists in this field; (3) recognize qualified specialists by certification.

MEMBERSHIP: Diplomate (155), veterinarian, graduate of AVMA accredited veterinary college, engaged in practice of laboratory animal medicine, must meet certification requirements and pass written, practical and oral examinations;

Associate (20), category will cease to exist on December 31, 1972; Retired Diplomat (2), over age 65.

MEETINGS: Semiannual (July and September).

PROFESSIONAL ACTIVITIES: *Educational*: Various symposia on animal models of human diseases.

PUBLICATIONS: *ACLAM Newsletter*, semiannual, current volume: 1. Editor: C. Max Lang.

70 AMERICAN COLLEGE OF OSTEOPATHIC SURGEONS.

1550 South Dixie Highway, Coral Gables, Fla. 33146. (305) 665-2828. President: J. Natcher Stewart. Term expires October 1971. President-Elect: Ellis Siefer. Secretary-Treasurer: Richard A. Michael. Term expires October 1971. Executive Secretary: Charles L. Ballinger.

HISTORY AND ORGANIZATION: Organized June 1926 in Louisville, Kentucky. Incorporated February 14, 1927 in Missouri. *Specialty Divisions*: Urological; Thoracic-Cardiovascular; Neurological Surgeons. *Scientific and Technical Committees*: Graduate and Postgraduate Education; Editorial; Ethics; Scientific Exhibits; Visual Education; Medical Care Plans; Inquisition Surgical Forum; Insurance Review; Cancer Control; Federal Health Agencies; Osteopathic Concept. *Relationship with Other Societies*: Affiliated with the American Osteopathic Association (AOA).

PURPOSE: To (1) encourage study and instruction in surgery, surgical diagnosis and technique, and such other arts and sciences as may directly or indirectly improve the practice of surgery; (2) develop the application of osteopathic principles in relation to disease in the practice of surgery; (3) provide instruction in the practice of surgery for such osteopathic physicians as are considered intellectually and temperamentally qualified to receive it; (4) recognize outstanding accomplishment in the practice of surgery or outstanding service to this organization on the part of any Member by conferring upon him the degree of Fellow in the American College of Osteopathic Surgeons; (5) maintain and promote the highest moral and ethical standards in the practice of surgery.

MEMBERSHIP: Member, graduate from an approved osteopathic college for eight years prior to application, member in good standing of the American Osteopathic Association and of his own divisional osteopathic society for three years prior to application, internship of one year in a hospital approved for intern training by the AOA, three years formal training subsequent to internship; Associate, physicians engaged in activities directly related to the practice of surgery, such as anesthesiology, pathology and radiology, member in good standing of the American Osteopathic Association and of his divisional osteopathic society, certified in his respective specialty by the AOA; Honorary, granted to any person upon unanimous vote of the Board of Governors; Life; Fellow. Total membership 574.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research*: Self-evaluation examination, postgraduate seminars. *Educational*: Annual two week postgraduate course in surgery; annual surgical forum; annual clinical teaching course in surgery; annual clinical assembly (Convention) with didactic and scientific programs and scientific exhibits demonstrating technical and scientific research projects. *Prizes and Awards*: Awards for Scientific Literary Achievement (\$1,000, \$750, \$500).

PUBLICATIONS: *ACOS News*, monthly, current volume: 10. Editor: Norman R. Buchan.

AMERICAN COLLEGE OF PHYSICAL THERAPY. See AMERICAN CONGRESS OF REHABILITATION MEDICINE.

71 AMERICAN COLLEGE OF PHYSICIANS. 4200 Pine Street,

Philadelphia, Pa. 19104. (215) 222-8120. President: Hugh R. Butt. Term expires April 1972. President-Elect: William A. Sodeman. Secretary: R. Carmichael Tughman. Treasurer: William F. Kellow. Executive Vice President: Edward C. Rosenow, Jr.

HISTORY AND ORGANIZATION: Founded 1915 in New York City. Chartered May 11, 1915 in Delaware. Merged with the Congress of Internal Medicine in 1923. *Relationship with Other Societies*: Represented in the American Board of Internal Medicine; Commission on Professional and Hospital Activities; Joint Commission on Accreditation of Hospitals; National Research Council; Residency Review Committee in Internal Medicine; American Medical Association; American College of Surgeons; American Registry of Physical Therapists; Joint Committee on Cancer Staging and End Results Reporting; Medico; Medicare; National Society for Medical Research; American Association for Accreditation of Laboratory Animal Care; American Physical Therapy Association; National Disease and Therapeutic Index; Council of Medical Specialty Societies; National Interagency Council on Smoking and Health; Intersociety Commission for Heart Disease Resources; Association of Medical and Allied Publications; Gorgas Memorial Institute of Tropical and Preventive Medicine; Alliance for Engineering in Medicine and Biology; American College of Radiology; National Coordinating Council on Drug Abuse; Association for the Advancement of Medical Instrumentation; Drug Information Association.

PURPOSE: To (1) establish an organization composed of qualified internists of high standing who shall meet from time to time for the purpose of considering and discussing medical and scientific topics; (2) maintain and advance the highest possible standards in medical education, medical practice and research; (3) preserve the history and perpetuate best traditions of medicine and medical ethics; (4) maintain both the dignity of internal medicine and the efficiency of its function in relation to public welfare.

MEMBERSHIP: Associate (1,355), physician with two years post-doctoral training in internal medicine and presently in a residency program in internal medicine or closely related specialty; Member (4,419), physician engaged as practitioner, teacher or research worker in internal medicine or allied specialty, eligible for certification by American Board of Internal Medicine or appropriate specialty board; Fellow (10,800), same qualifications as Member, certified by American Board of Internal Medicine or appropriate specialty board, plus significant professional achievements; Master (69), elected because of personal character, position of honor and influence, eminence in practice or in medical research, or other attainments in science or in the art of medicine; Affiliate (156), physician residing outside North America and the Republic of Panama who has completed a satisfactory period of study in the U.S. followed by significant achievements upon returning to his native country; Corresponding Fellow (52), physician of country other than the U.S., Canada, Cuba, Mexico, the Central American Republics and the Canal Zone, selected on the basis of personal character, outstanding achievement and interest in the College; Honorary Fellow (39), physician of country other than the U.S., Canada, Cuba, Mexico, the Central American Republics or the Canal Zone, elected

because of personal character, position of honor and influence, or eminence in internal medicine or allied specialty.

MEETINGS: Annual Session (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Twenty-five annual postgraduate courses in cooperation with medical schools and other related institutions; medical knowledge self-assessment programs; traveling scholarships; revolving loan fund to help young physicians continue their training in internal medicine; Teaching and Research Scholars, three years in length with a stipend of \$10,000, \$11,000 and \$12,000 for the first, second and third year, respectively. *Prizes and Awards:* John Phillips Memorial Medal, achievement in internal medicine; James D. Bruce Memorial Medal, achievement in preventive medicine; Alfred Stengel Memorial Medal, achievement in internal medicine and service to the College; American College of Physicians Medal, achievement in the science of medicine; Edward R. Loveland Memorial Award, to a layman or lay organization for distinguished contributions in the health field; William C. Menninger Memorial Award, distinguished contributions to the science of mental health; Distinguished Teacher's Award, leadership in the field of medical education. **PUBLICATIONS:** *Annals of Internal Medicine*, monthly, current volume: 74, \$15. Editor: J. Russell Elkinton. *Bulletin of the American College of Physicians*, monthly, current volume: 12, \$2. Editor: Edward C. Rosenow.

72 THE AMERICAN COLLEGE OF RADIOLOGY. 20 North Wacker Drive, Chicago, Ill. 60606. (312) 236-4963. President: Robert W. McConnell. Term expires April 1972. Secretary-Treasurer: J. Richard Raines. Term expires April 1972. Executive Director: William C. Stronach.

HISTORY AND ORGANIZATION: Founded June 1923 in San Francisco. Incorporated 1924 in California. *Geographic Divisions:* Fifty. *Scientific and Technical Committees:* Cancer; Medical Insurance; Nuclear Medicine; Public Health; Public Relations; Radiation Therapy; Radiologic Diagnosis; Radiologic Units, Standards and Protection; Standards in Radiological Practice; Technologist Affairs.

PURPOSE: To (1) advance the science of radiology; (2) improve radiologic service to the patient; (3) study the socio-economic aspects of the practice of radiology; (4) encourage improved and continuing education for radiologists and allied professional fields.

MEMBERSHIP: Member (6,500), physician who is a member in good standing of a chapter of the College and who has been certified in radiology or one of its recognized branches by the American Board of Radiology or by the Royal College of Physicians and Surgeons of Canada; Fellow (1,300), Member of the College who has evidenced interest in the advancement of scientific radiology by membership in one of the national scientific radiological societies (the American Roentgen Ray Society, the Radiological Society of North America, the American Radium Society or the Canadian Association of Radiologists) may be elected a Fellow on the basis of (a) the accomplishment of significant scientific or clinical research in the field of radiology, or significant contributions to its literature, (b) the performance of outstanding service as a teacher of radiology, (c) service to organized medicine as an officer of a state or national medical organization, or (d) an outstanding reputation among his colleagues and his local community as a result of many years of superior service. Members shall not be eligible for nomination to Fellowship until they have completed five years as a Member.

MEMBERSHIP SERVICES: Accreditation of radiologic practices;

participation on behalf of radiologists in organizations concerned with cancer; advice in regard to impact of medical insurance on radiology; recruitment of physicians into radiology; liaison with agencies of executive branch of federal government and with medical and public health organizations; publication information in regard to radiology; participation on behalf of the U.S. in international affairs of radiology.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Diagnostic radiology information system; development of xeroradiography; application of computer technology to radiology. *Educational:* Conference of teachers of radiology; conferences on cancer detection; training programs on cancer; educational films. *Prizes and Awards:* Gold Medal for distinguished and extraordinary service to the American College of Radiology and the profession for which it stands.

PUBLICATIONS: *American College of Radiology Bulletin*, monthly, current volume: 27. Editor: Charles Honaker.

AMERICAN COLLEGE OF RADIOLOGY AND PHYSIOTHERAPY. See AMERICAN CONGRESS OF REHABILITATION MEDICINE.

73 AMERICAN COLLEGE OF SURGEONS. 55 East Erie Street, Chicago, Ill. 60611. (312) 664-4050. President: Howard Mahorner. Term expires October 1971. President-Elect: Jonathan E. Rhoads. Chairman of the Board of Regents: William P. Longmire. Term expires October 1971. Secretary: Floyd H. Jergesen. Term expires October 1971. Director: C. Rollins Hanlon.

HISTORY AND ORGANIZATION: Founded in 1913. Incorporated in Illinois. *Geographic Divisions:* Seventy-seven chapters. *Scientific and Technical Committees:* Cancer; Trauma; Cardiovascular; Continuing Education; Fundamental Surgical Problems; Graduate Education; International Relations; Medical Motion Pictures; Operating Room Environment; Pre- and Post-Operative Care; Surgical Education in Medical Schools. *Relationship with Other Societies:* U.S. member of the International Federation of Surgical Colleges.

PURPOSE: To maintain an association of surgeons, not for pecuniary profit, but for the benefit of humanity by advancing the science of surgery and the ethical and competent practice of its art.

MEMBERSHIP: Fellow (32,000), graduation from an acceptable medical school, license to practice in respective state, province, or country unless a full-time regular appointee in a Federal medical service, surgical education at a graduate level which will permit examination for certification, one year of practice after formal training, a specialist in surgery, of moral and ethical fitness, professional proficiency as determined by the submission of 50 detailed case records taken from last three years of practice, approval of the Board of Regents; Honorary Fellow (86), recommendation, subsequent approval by Board of Regents.

MEMBERSHIP SERVICES: 14,000 volume library.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research:* Study on surgical services for the U.S. to assess the distribution and quality of surgical care; surgical education self-assessment program; on-going programs in cancer, trauma and surgical education. Postgraduate courses; Scholarship Endowment Fund; Foreign Guest Scholar Program. *Prizes and Awards:* Distinguished Service Award, annual, to a Fellow for distinguished achievement

for the College or in connection with his work in College activities, programs, etc.

PUBLICATIONS: *Surgery, Gynecology and Obstetrics*, monthly, current volume: 132, \$20. Editor: Loyal Davis. *Bullerin*, 10 issues per year, current volume: 56. Editor: Gordon L. Briggs. *Directory*, triennial. *Surgical Forum*, annual, current volume: 22, \$4.

74 AMERICAN CONCRETE INSTITUTE. 22400 West Seven Mile Road, Detroit, Mich. 48219. (313) 532-2600. President: S. D. Burks. Term expires March 1971. President-Elect: Walter J. McCoy. Executive Director: William A. Maples.

HISTORY AND ORGANIZATION: Founded in 1905 as the National Association of Cement Users. Became the American Concrete Institute (ACI) in 1913. Incorporated 1965 in Michigan. *Geographic Divisions:* Twenty-six. *Scientific and Technical Committees:* There are approximately 90 technical committees that are assigned specific tasks in the field of information on improvement of the design, construction, manufacture, use and maintenance of concrete structures and products.

PURPOSE: To (1) further engineering and technical education and scientific investigation and scientific research by organizing the efforts of its members for a nonprofit, public service in gathering, correlating and disseminating information for the improvement of the design, construction, manufacture, use and maintenance of concrete products and structures; (2) promote professional competency and good construction practices.

MEMBERSHIP: Contributing (38) and Organizational (430), person, firm, corporation, society, agency of government or other organization; Individual (12,449), person over 28 years of age; Junior (1,013), person under 28 years of age; Student (288), under 28 years of age and a registered student at an educational organization.

MEMBERSHIP SERVICES: World-wide association with concrete experts for a mutual exchange of ideas; problem-solving assistance and technical information; inter-library loan service; participation in the development of codes and standards.

MEETINGS: Semiannual (March and November).

PROFESSIONAL ACTIVITIES: *Educational:* Seminars and workshops. *Prizes and Awards:* Wason Medal for the Most Meritorious Paper, annual, the most meritorious paper published by the Institute; Wason Medal for Research, may be annual, noteworthy original research or discovery on subject within the scope of Institute activities; Henry C. Turner Medal, may be annual, notable achievements in or service to the concrete industry; ACI Construction Practice Award, may be annual, outstanding paper on concrete construction practice in the latest volume of *Proceedings of the American Concrete Institute*; Alfred E. Lindsay Award, outstanding contributions to reinforced concrete design practice; Henry L. Kennedy Award, outstanding technical or administrative service to the Institute; Charles S. Whitney Medal, may be annual, noteworthy engineering development work in concrete design or construction; Distinguished Service Award, may be annual, to a current or recent chairman of a technical committee in recognition of outstanding performance.

PUBLICATIONS: *Journal of the American Concrete Institute*, monthly, current volume: 68, \$20. Editor: George D. Nasser.

AMERICAN CONFERENCE OF PHARMACEUTICAL FACULTIES. See AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY.

AMERICAN CONGRESS OF PHYSICAL MEDICINE. See AMERICAN CONGRESS OF REHABILITATION MEDICINE.

AMERICAN CONGRESS OF PHYSICAL MEDICINE AND REHABILITATION. See AMERICAN CONGRESS OF REHABILITATION MEDICINE.

AMERICAN CONGRESS OF PHYSICAL THERAPY. See AMERICAN CONGRESS OF REHABILITATION MEDICINE.

75 AMERICAN CONGRESS OF REHABILITATION MEDICINE. 30 North Michigan Avenue, Chicago, Ill. 60602. (312) 236-9512. President: Herman J. Flax. Term expires November 1971. President-Elect: Leonard D. Polioff. Secretary: Joseph G. Benton. Term indefinite. Treasurer: William J. Erdman II. Term indefinite. Executive Director: Creston C. Herold.

HISTORY AND ORGANIZATION: Founded on September 18, 1923, as the American College of Radiology and Physiotherapy. Name was changed in 1926 to the American College of Physical Therapy and in 1930 to the American Congress of Physical Therapy. In 1945 the organization adopted the name American Congress of Physical Medicine and in 1953 this was changed to American Congress of Physical Medicine and Rehabilitation. Present name was adopted in 1967. Incorporated 1930 in Illinois. *Scientific and Technical Committees:* Medical Practice; Professional Development; Program; Specialized Hospitals and Services.

PURPOSE: To promote and advance the art and science of rehabilitation medicine through the diagnosis of, prescription for, and treatment of disease, defect or injury by physical and other means, and restoration to the fullest physical, mental, social, vocational and economic usefulness possible.

MEMBERSHIP: Active (1,086), (1) graduate in medicine and surgery, or person with Doctorate and active in and contributing to the field of rehabilitation medicine, or (2) member of a rehabilitation profession engaged in research, teaching or clinical practice in rehabilitation medicine with (a) three years of professional affiliation in an acceptable multidisciplinary rehabilitation setting, (b) Master's degree, (c) professional qualifications for full membership in the professional discipline(s), and (d) active in and contributing to the field of rehabilitation medicine; Affiliate (82), enrollment in an approved residency or fellowship in rehabilitation medicine; Corresponding (234), doctor of medicine who is a member in good standing of a foreign physical medicine society and/or a member in good standing of the International Federation of Physical Medicine; Student (new category), any undergraduate medical student enrolled in an approved school of medicine in the U.S. or Canada; Associate (28), physiologist, physicist, biophysicist, electrical engineer, mechanical engineer, chemical engineer, research worker, investigator, teacher or any other expert in the field of rehabilitation medicine; Honorary (8), eminent person interested in rehabilitation medicine; Emeritus (40), Inactive (10).

MEETINGS: Annual (late Summer or early Fall).

PROFESSIONAL ACTIVITIES: *Research:* Cosponsor of Commission on Education in Physical Medicine and Rehabilitation. *Educational:* Sponsors annual Interdisciplinary Forum aimed at presenting topics of interest to all the professional disciplines working in the rehabilitation medicine field. *Prizes and Awards:* Gold Key Award, annual, outstanding contributions

to the practice and progress of rehabilitation medicine; John Stanley Coulter Memorial Lectureship, annual, leader in the field of rehabilitation medicine presents this lecture, honoring a pioneer in the field; Baruch Essay Award, annual, to medical students submitting the best essays on any subject pertaining to the field of physical medicine and rehabilitation.

PUBLICATIONS: *Archives of Physical Medicine and Rehabilitation*, monthly, current volume: 52, \$15. Editor: Paul A. Nelson. *Rehabilitation Congress News*, monthly, current volume: 2. Editor: Marvin Schroder.

76 AMERICAN CONGRESS ON SURVEYING AND MAPPING. 430 Woodward Building, 733 15th Street, N.W., Washington, D.C. 20005. (202) 347-0029. President: Russell L. Voisin. Term expires March 1972. Executive Director: Robert E. Herndon, Jr. Term subject to reappointment annually.

HISTORY AND ORGANIZATION: Founded 1941 in Washington, D.C. Incorporated 1951 in the District of Columbia. *Geographic Divisions:* Twenty-six sections. *Specialty Divisions:* Cartography; Control Surveys; Land Surveys; Instruments; Marine Surveying and Mapping; Education. *Scientific and Technical Committees:* Bibliography Maintenance and Glossary of Surveying Terms; Computing; Constitution; Continuing Education; Cooperative Policy; Education; Joint Committee on Employment Practices; Foundation Liaison; Improvement of Land Title Records; Instruments; International Affairs; Intersociety Affairs; Marine Surveying and Mapping; Metric System; National Cartographic Data Center; National Research Council-Division of Earth Sciences; National Council Engineering Examiners Liaison; Pipeline Location; Professional Practice; Publications; Publications Policy; Research; Surveying and Mapping Technicians; Urban and Regional Planning. *Relationship with Other Societies:* Thirty-eight affiliated societies. International member of Federation Internationale des Geometres and the International Cartographic Association; affiliate of the Institution of Surveyors, Australia.

PURPOSE: To (1) advance the sciences of surveying and mapping in their several branches, in furtherance of the public welfare and in the interests of both those who use maps and surveys and those who make them, and to establish a central source of reference and union for its members; (2) contribute to public education in the use of surveys, maps and charts and to encourage the prosecution of basic surveying, mapping and charting programs; (3) encourage improvement of college curricula for the teaching of all branches of surveying and mapping; (4) honor the leaders in the sciences of surveying and mapping; (5) support a program of publications that will represent the professional and technical interests of surveying and mapping.

MEMBERSHIP: The classes of Member, Honorary and Lifetime make up the category of Corporate Membership. Member (5,100), professional qualification by education or experience in surveying, mapping or charting; Fellow (275), Corporate member for eight years; Honorary (13), national or international recognition for contributions to profession; Lifetime (51), 75 years of age, Member 22 years; Associate (900), associate interest in the profession; Individual Affiliate (60), members of allied professions; Student (100), graduate or undergraduate students in a course of study leading to career in the profession; Sustaining (20), individual or institution interested in profession.

MEMBERSHIP SERVICES: Clearinghouse for technical questions pertaining to surveying and mapping, for matters pertaining to

conditions of practice and for the promotion of improved educational systems.

MEETINGS: Semiannual (March and September).

PROFESSIONAL ACTIVITIES: *Educational:* Continuing education short courses at various universities and colleges on all phases of surveying; three fellowships for graduate study in surveying and mapping sponsored by the Congress and funded annually by Cubic Corporation, Keuffel and Esser, and Wild Heerbrugg.

PUBLICATIONS: *Surveying and Mapping*, quarterly, current volume: 30, \$35. Editor: Walter S. Dix. *Bulletin*, quarterly, current volume: 35, free to members. Editor: Walter S. Dix.

77 THE AMERICAN COUNCIL OF OTOLARYNGOLOGY, INC. 1100 17th Street, N.W., Washington, D.C. 20036. (202) 659-4591. President: Jerome A. Hilger. Term expires December 1972. President-Elect: Claude L. Pennington. Secretary-Treasurer: Jack R. Anderson. Term expires December 1972. Executive Director: John E. Bordley.

HISTORY AND ORGANIZATION: Founded August 28, 1968. Incorporated the same year in Washington, D.C. *Scientific and Technical Committees:* Manpower; Patient Care; Education; Legislative and Governmental Affairs; Future Program in Otolaryngology.

PURPOSE: To (1) act as a national information center for otolaryngology; (2) encourage improved patient care; (3) act as liaison between all otolaryngologic societies, national foundations, government health agencies, the American Medical Association, the American College of Surgeons and other surgical specialties; (4) improve the paramedical assistance for practicing otolaryngologists.

MEMBERSHIP: Full (1,635), practicing otolaryngologist; Military/Government Service (104), otolaryngologist in government or military service; Resident (350), resident in training for otolaryngology; Retired, retired from practice of otolaryngology.

MEMBERSHIP SERVICES: Placement service.

MEETINGS: Semiannual (May and October).

PROFESSIONAL ACTIVITIES: *Research:* To establish a computer oriented data base concerning the specialty of otolaryngology, including manpower distribution, regional problems of patient care, paramedical manpower needs, training requisite for practice in a teaching institution, large community medical centers and rural areas, present level and type of practice in these areas. *Educational:* Instruction courses for paramedical personnel.

PUBLICATIONS: *News*, quarterly, current volume: 3. Editors: Alfred K. Walter, Jack R. Anderson.

78 AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, INC. 335 East 45th Street, New York, N.Y. 10017. (212) 685-1940. President: William B. Busing. Term expires December 1971. President-Elect: Jerome Karle. Treasurer: R. A. Young. Term expires June 1971. Secretary: Walter L. Roth. Term expires December 1971. Administrative Secretary: Ethel E. Snider.

HISTORY AND ORGANIZATION: Created in 1950 as a result of the merger of the Crystallographic Society of America and the American Society of X-ray and Electron Diffraction. Incorporated in New York State on January 1, 1971. *Scientific and Technical Committees:* Publications; Apparatus and Standards; Crystallographic Data; Crystallographic Computing; USA "National" Committee for Crystallography.

PURPOSE: To promote the study of the arrangement of the

atoms in matter, its causes, its nature and its consequences, and of the tools and methods used in such studies.

MEMBERSHIP: Individual (1,800), interest in objectives of the Association; Student (160); Corporate (7).

MEMBERSHIP SERVICES: Employment clearinghouse.

MEETINGS: Semiannual (Summer and Winter).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Bertram Eugene Warren Diffraction Physics Award, triennial; Fankuchen Award in X-ray Crystallography, triennial.

PUBLICATIONS: *ACA Newsletter*, six issues per year, current volume: 2, \$5. Editor: Walter L. Roth. *Program and Abstracts Booklets*, semiannual, \$2. *Transactions*, annual, \$5. Editor: S. C. Abrahams. *Monographs*, irregular. Editor: S. C. Abrahams.

79 AMERICAN DAIRY SCIENCE ASSOCIATION. 113 North Neil Street, Champaign, Ill. 61820. (217) 356-3182. President: J. K. Loodi. Term expires July 1971. President-Elect: H. E. Calbert. Executive Secretary: Claude Cruse. Treasurer: J. S. Taylor.

HISTORY AND ORGANIZATION: Founded 1906. Incorporated in the District of Columbia. *Geographic Divisions:* Two. *Specialty Divisions:* Dairy Foods Disciplines; Production; Student Affiliate. *Scientific and Technical Committees:* Internal Affairs; Education; International Relations and Dairy Society International; Journal Management; Program; Public Health; Standards on Regulations Affecting the Dairy Industry; Milk Composition and Payment; Animal Care; Drug and Chemicals; Animal Waste; Certification of Nutritionists.

PURPOSE: To (1) serve the dairy and dairy-related industries by stimulating the discovery, application and dissemination of knowledge; (2) create an atmosphere in which free interchange of information and full understanding will exist between the various segments of the industries involved; (3) provide recognition of outstanding personal achievement; (4) publish original research, reviews and timely information in an official publication of the Association; (5) sponsor programs for developing youth for leadership responsibilities.

MEMBERSHIP: Professional (2,450), anyone with research, educational, commercial or administrative responsibilities and interest in the broad disciplines within the animal biology and food utilization field in the dairy industries; Student Affiliate, regularly enrolled in a college or university.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Distinguished Service Award; Award of Honor; American Feed Manufacturers Award; Borden Award; Dairy Science Teaching Award; DeLaval Award; National Association of Animal Breeders Award; Pfizer, Inc. Award; Dairy Research, Inc. Award.

PUBLICATIONS: *Journal of Dairy Science*, monthly, current volume: 54, \$20. Editor: E. O. Herrell.

80 AMERICAN DENTAL ASSOCIATION. 211 East Chicago Avenue, Chicago, Ill. 60611. (312) 944-6730. President: John M. Deines. Term expires October 1971. President-Elect: Carl A. Laughlin. Treasurer: Harold S. Eberhardt. Term expires December 1972. Executive Director: C. Gordon Watson.

HISTORY AND ORGANIZATION: Founded August 3, 1859 in Niagara Falls, New York. In 1897 united with Southern Dental Association and name changed to National Dental Association. In 1922 name changed to American Dental Association (ADA). Incorporated in Illinois. *Geographic Divisions:* Fourteen districts; fifty-five state societies; 475 local societies. *Scientific and Technical Committees:* Dental Care Programs;

Dental Education; Dental Health; Dental Materials and Devices; Dental Research; Dental Therapeutics; Dental Laboratory Relations; Federal Dental Services; Hospital Dental Service; Insurance; International Relations; Journalism; Legislation; National Board of Dental Examiners; Scientific Session; Audiovisual Service; Data Processing; Dental Health Education; Economic Research and Statistics; Library Services; Public Information.

PURPOSE: To (1) encourage the improvement of the health of the public; (2) promote the art and science of dentistry.

MEMBERSHIP: Active and Life (97,424), licensed dentists; Affiliate (477), dentists in other countries; Associate (62), non-dentists who serve dentistry; Student (15,131), dental students and postgraduates, interns and residents; Honorary (119), elected for service to profession.

MEMBERSHIP SERVICES: Library services; audiovisual services; distributors of dental health education materials; testimony (lobbying) in Washington, D.C.; research facilities; public relations programs; relief fund for needy dentists; evaluation of drugs, remedies, devices and materials; recruitment programs; accreditation of dental educational institutions; testing of pre-dental students; testing of graduates for licensing.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* ADA Research Institute conducts research in all areas of dentistry (biochemical, biological, chemical, materials, etc.); Bureau of Economic Research and Statistics conducts survey of dental practice, survey of fees and maintains statistics on distribution of dentists. *Educational:* ADA Research and Educational Foundation awards grants for programs in dental research and/or dental education. *Prizes and Awards:* Science Writers Award, newspaper and magazine articles on dentistry; Science Fair Awards, best dental exhibits at National Science Fair; Junior Dental Scientist Award, to high schoolers; Program in Dental Research for College students; Honorary Membership, highest award for service to dentistry to non-dentists; Award of Merit, same as Honorary, but awarded to dentists or members of allied health professions.

PUBLICATIONS: *Journal of the American Dental Association*, monthly, current volume: 82, \$15. Editor: Leland Hendershot. *Journal of Oral Surgery*, monthly, current volume: 28, \$15. Editor: Leland Hendershot. *Dental Abstracts*, monthly, current volume: 16, \$10. Editor: N. C. Hudson. *American Dental Association News*, biweekly, current volume: 2, \$5. Editor: Glen Medcalf. *Oral Research Abstracts*, monthly, current volume: 6, \$90. Editor: Leland Hendershot. *ADA Leadership Bulletin*, biweekly, current volume: 24, \$3. Editor: Peter C. Goulding. *Legislative Bulletin*, irregular, free to members. Editor: Bernard J. Conway. *Fluoridation Reporter*, quarterly, current volume: 8, free to members. Editor: Mary E. Bernhardt.

81 THE AMERICAN DIETETIC ASSOCIATION. 620 North Michigan Avenue, Chicago, Ill. 60611. (312) 664-0443. President: Marjorie M. Donnelly. Term expires October 1971. President-Elect: Katherine Manchester. Secretary: Dorothy M. Rowe. Term expires October 1972. Treasurer: Arlene Wilson. Term expires October 1971. Executive Director: Ruth M. Yakel.

HISTORY AND ORGANIZATION: Established 1971 in Cleveland, Ohio. Incorporated 1923 in Illinois. *Geographic Divisions:* Fifty-two. *Scientific and Technical Committees:* Community Nutrition; Education; Food Administration; Diet Therapy. *Relationship with Other Societies:* Hospital,

Institution and Educational Food Service Society; American Dietetic Association Foundation.

PURPOSE: To (1) improve the nutrition of human beings; (2) advance the science of dietetics and nutrition; (3) promote education in these and allied areas.

MEMBERSHIP: Active (21,879), Baccalaureate degree plus post-graduate education called a dietetic internship; Junior (1,000), dietetic intern or a senior in a coordinated educational program in dietetics; Retired (459), 62 years of age, member for 25 years; Honorary (13), notable contribution to the field of nutrition or allied field.

MEMBERSHIP SERVICES: Letters of reference service for members seeking employment; loan library.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Seminars; workshops; individualized study kits; cassettes; approval program of dietetic internships; Mary Swartz Rose Fellowship, \$1,000 annually for graduate study and research in nutrition or allied field; Hazel M. Hauck Human Nutrition Fellowship, \$2,500 annually for graduate study and research in human nutrition; Lydia J. Roberts Fellowship in Public Health Nutrition, \$2,500 annually for graduate study and research in public health nutrition; Eleanor L. Mitchell Memorial Scholarships, two \$500 scholarships for dietetic interns to be awarded annually; Mary I. Barber-American Dietetic Association Undergraduate Scholarships, two scholarships of \$250 each for junior and senior undergraduate students pursuing programs in dietetics; American Dietetic Association Graduate Loan Fund, loans of up to \$1,000 to graduate students and up to \$500 to dietetic interns; Campbell Soup Company Undergraduate Scholarship in Dietetics, two scholarships of \$1,000 each; Mead Johnson Awards, two annual \$1,000 fellowships for graduate education in dietetics and thirteen annual \$500 scholarships for dietetic interns; Wyandotte Chemicals Corporation Scholarships, four annual scholarships at \$250 each for graduate students or dietetic interns. *Prizes and Awards:* Lenna F. Cooper Memorial Lecture, lecturer is selected to present a paper in the area of his expertise with history being a major component; Marjorie Hulsizer Copher Award, outstanding achievement in dietetics; Lydia J. Roberts Essay Competition Award, best essay on an assigned subject in the field of the history of nutrition; Sunkist Growers Awards, annual, worthy descriptions (case histories) of effective dietary care of patients with special emphasis on the role of diet in the patient's progress; Dietary Products Foundation Awards, essay competition.

PUBLICATIONS: *Journal of the American Dietetic Association*, monthly, current volume: 58, \$10 (nonmembers). Editor: Dorothea Turner. *ADA Courier*, 11 issues per year, current volume: 11, included with membership. Editor: Jewell Larkin. *Annual Reports and Proceedings*, annual, \$2.

AMERICAN DOCUMENTATION INSTITUTE. See AMERICAN SOCIETY FOR INFORMATION SCIENCE.

82 AMERICAN ECONOMIC ASSOCIATION. 1313 21st Avenue South, Nashville, Tenn. 37212. (615) 322-2595. President: James Tobin. Term expires December 1971. President-Elect: John Kenneth Galbraith. Secretary-Treasurer: Rendigs Fels.

HISTORY AND ORGANIZATION: Formed 1885 in Saratoga, New York. *Relationship with Other Societies:* Affiliated with the American Council of Learned Societies, Social Science Research Council, American Association for the Advancement

of Science and the International Economic Association; represented on the National Bureau of Economic Research, Joint Council on Economic Education and various public advisory bodies.

PURPOSE: To (1) encourage economic research, especially the historical and statistical study of the actual conditions of industrial life; (2) issue publications on economic subjects; (3) encourage perfect freedom of economic discussion.

MEMBERSHIP: Open to anyone interested in the study of economics or the economic phases of political and social questions. Total membership 26,225.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsors the Economics Institute, a transitional summer program of intensive preparatory course work for selected foreign graduate students beginning advanced studies in economics or agricultural economics at any U.S. university (some partial cost fellowships allotted on a competitive basis). *Prizes and Awards:* Francis A. Walker Medal, quinquennial, to a living American economist who has made the greatest contribution to economics; John Bates Clark Medal, biennial, to an American economist under age 40 who has made a significant contribution to economic thought and knowledge; Distinguished Fellow Award, annual, to not more than two economists of high distinction in the U.S. and Canada.

PUBLICATIONS: *American Economic Review*, quarterly, current volume: 61, \$20 (includes the subscription to the Journal). Editor: George H. Borts. *Journal of Economic Literature*, quarterly, current volume: 9. Editor: Mark Perlman. *American Economic Association, Papers and Proceedings*, annual, \$8. Editor: Rendigs Fels.

83 AMERICAN EDUCATIONAL RESEARCH ASSOCIATION. 1126 16th Street, N.W., Washington, D.C. 20036. (201) 223-9485. President: Robert Glaser. Term expires March 1972. President-Elect: Robert Ebel. Executive Officer: Richard A. Dershimer.

HISTORY AND ORGANIZATION: Founded in 1915 in Cincinnati as the National Association of Directors of Educational Research, an affiliate of the National Education Association. In 1930 became the American Educational Research Association (AERA). In 1968 became an independent organization no longer affiliated with the National Education Association. Incorporated 1968 in the District of Columbia. *Specialty Divisions:* History and Historiography; Administration; Curriculum and Objectives; Instruction and Learning; Measurement and Research Methodology; Standard Development and Personnel Service; Social Context of Education; School Evaluation and Program Development. Twenty-nine special interest groups. *Scientific and Technical Committees:* Task Force on Training of Educational Researchers; Committee of Federal Affairs Advisors; Committee on Black Education.

PURPOSE: To encourage and improve educational research and its application, thereby increasing the contribution of education to human welfare.

MEMBERSHIP: Voting (7,500), present or past active participation in educational research or the direction of educational research, Master's degree or equivalent; Associate (1,156), persons interested in educational research but not qualified for Voting membership; Student Affiliate (2,489), endorsement by a Voting member; International Affiliate (377), citizens of other countries, equivalent of Voting membership.

MEMBERSHIP SERVICES: Employment placement.

MEETINGS: Annual (February or March).

PROFESSIONAL ACTIVITIES: *Research:* A study of research and research-related personnel in education; development of a pilot library of cassette tapes dealing with recent advances in the strategies and procedures of educational research. *Educational:* Annual research training sessions. *Prizes and Awards:* AERA-Phi Delta Kappa Award, annual, distinguished contributions to research; AERA-Association of American Publishers Award, annual, research in the development of significant classroom instructional materials; AERA-American College Testing Program Award, annual, outstanding completed research article, book or project dealing with college student growth and development; Palmer O. Johnson Award, annual, best article in each volume of the journal of the Society.

PUBLICATIONS: *Review of Research in Education*, annual, current volume: 1. Editor: Fred M. Kerlinger. *American Educational Research Journal*, four issues per year, current volume: 8, \$8 per year, \$3 per issue. Editor: Richard Turner. *Review of Educational Research*, five issues per year, current volume: 41, \$10 per year, \$3 per issue. Editor: Gene Glass. *Educational Researcher*, ten issues per year, current volume: 22, \$5 per year, \$0.50 per issue. Editor: William Wolfe. *Encyclopedia of Educational Research*, \$31. Editor: Robert Ebel.

AMERICAN ELECTROCHEMICAL SOCIETY. See THE ELECTROCHEMICAL SOCIETY, INC.

84 AMERICAN ELECTROPLATERS' SOCIETY, INC. 56 Melmore Gardens, East Orange, N.J. 07017. (201) 678-4100. President: Harold J. Wiesner. Term expires June 1971. President-Elect: R. Scott Modjeska. Treasurer: Kegan Wells. Term expires June 1972. Secretary and General Manager: Rodney Leeds. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1901 in New York City as the National Electro-Platers Association. Changed to present name June 1, 1913. Incorporated 1946 in New Jersey. *Geographic Divisions:* Seventy-one branches. *Scientific and Technical Committees:* Branch Activities; Technical Education; Research.

PURPOSE: To (1) improve and disseminate knowledge of the arts and sciences of electroplating and the deposition and finishing of metals, and of allied arts; (2) develop a cooperative spirit of friendship and mutual assistance among its members.

MEMBERSHIP: Active (8,000), association with the electroplating and metal finishing industries; Sustaining, supporting research in electroplating and metal finishing.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Properties of electrodeposited gold for electronic uses; sealing of anodic films on aluminum; interdiffusion of electrodeposits with basis metals; crystal defects in electrodeposited metals; application of reverse osmosis to metal finishing waste treatment; development of property data for electrodeposits. *Educational:* Sponsorship of electroplating courses.

PUBLICATIONS: *Plating*, monthly, current volume: 58, \$14. Editor: Rodney Leeds.

AMERICAN ENGINEERING STANDARDS COMMITTEE. See AMERICAN NATIONAL STANDARDS INSTITUTE, INC.

85 AMERICAN ENTOMOLOGICAL SOCIETY. 1900 Race Street, Philadelphia, Pa. 19103. (215) 104-3921. President: William Day. Term expires January 1972. Secretary: David Rentz. Term expires January 1972. Executive Secretary: Kathy Rentz.

HISTORY: Founded in 1861 in Philadelphia and incorporated in Pennsylvania as the Entomological Society of Philadelphia. In 1867 the name was changed to the American Entomological Society. The library of the Society has been merged with that of the Academy of Natural Science in Philadelphia.

PURPOSE: To improve and advance the science of entomology by original research, by publication of discoveries, by a library and by other appropriate means.

MEMBERSHIP: Resident (40), able to attend meetings regularly; Corresponding (200); Honorary, awarded to distinguished entomologists for outstanding research.

MEMBERSHIP SERVICES: Library facilities.

MEETINGS: Monthly except June, July and August.

PUBLICATIONS: *Transactions of the American Entomological Society*, quarterly, current volume: 97, \$11. Editor: Selwyn S. Roback. *Entomological News*, monthly, current volume: 82, \$12. Editor: Ross Arnett. *Memoirs of the American Entomological Society*, irregular, current volume: 27. Editor: Selwyn S. Roback.

86 AMERICAN EQUILIBRATION SOCIETY. 700 Washington Street, Waukegan, Ill. 60085. (312) 623-4500. President: Raymond C. Van Dam. Term expires February 1971. President-Elect: James H. Long, Jr. Secretary: George E. Kreuger. Treasurer: Paul Kowalchuk. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1955. Incorporation pending. *Scientific and Technical Committees:* Professional Education; Public and Professional Relations; Liaison Committee on Oral Health. *Relationship with Other Societies:* Delegate representation on Federation of Prosthodontic Organizations.

PURPOSE: To (1) stimulate and promote studies of stresses as they apply to or affect the structures and functions of the temporomandibular region and related parts by bringing together, for mutual aid, members of various groups comprising the healing arts.

MEMBERSHIP: Active (320), professional individuals with minimum of five years' practice since graduation, interest in study and research of the temporomandibular joint; Associate (24), less than five years' practice; Overseas (71), outside U.S. and Canada.

MEMBERSHIP SERVICES: Information on glossary terms and U.S. and overseas areas of temporomandibular joint treatment.

MEETINGS: Annual (Winter); ad-interim.

PROFESSIONAL ACTIVITIES: *Research:* The Compendium. *Educational:* American Fund for Dental Education; Symposium on Teaching Aids of Occlusion. *Prizes and Awards:* Certificates of Merit, annual, outstanding work in the field of equilibration and prosthodontics.

PUBLICATIONS: *American Equilibration Society Compendium*, annual, current volume: 9. Editor: Malcolm Boone.

87 AMERICAN EUGENICS SOCIETY, INC. Address communications to: Carl Bajema, Secretary, Grand Valley State College, Allendale, Mich. 49401. Chairman: Theodosius Dobzanski. Term expires 1973. President: Dudley Kirk. Secretary: Carl Bajema. Term expires 1974. Treasurer: Frederick Osborn.

HISTORY: Founded, organized and incorporated in New York in January 1926.

PURPOSE: To (1) further man's understanding of the biological and cultural forces affecting the quality of human populations; (2) bring together scientists from different disciplines having a common interest in human evolution.

MEMBERSHIP: Eligible for membership are teachers, research

workers or recognized students in related scientific fields.
MEETINGS: Annual (Fall).

PUBLICATIONS: *Social Biology*, quarterly, current volume: 18, \$12-\$15. Editor: Richard Osborne.

AMERICAN FARM ECONOMIC ASSOCIATION. See THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION.

AMERICAN FARM MANAGEMENT ASSOCIATION. See THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION.

88 AMERICAN FEDERATION FOR CLINICAL RESEARCH. 6900 Grove Road, Thorofare, N.J. 08086. (609) 848-1000. President: John A. Oates. President-Elect: Francois M. Abboud. Secretary-Treasurer: Robert A. Kreisberg.

HISTORY AND ORGANIZATION: Founded in 1940. *Geographic Divisions:* Four sections.

PURPOSE: To (1) promote and encourage original research in clinical and laboratory medicine; (2) welcome as members and provide an accessible forum for young persons engaged in such research.

MEMBERSHIP: Regular, upon application, any person under the age of 41 (whether a resident of the U.S. or not) who has completed and published a meritorious investigation in any field related to medicine; Senior, upon reaching the age of 41, Regular member will be automatically transferred; Corporate, any corporation or foundation interested in the purposes of the Federation.

MEETINGS: Annual (May).

PUBLICATIONS: *Clinical Research*, quarterly, \$16 (non-members). Editor: Michael F. Ball.

89 AMERICAN FEDERATION OF INFORMATION PROCESSING SOCIETIES, INC. 210 Summit Avenue, Montvale, N.J. 07645. (201) 391-9810. President: Richard I. Tanaka. Term expires June 1971. Secretary: Richard G. Canning. Term expires June 1971. Treasurer: Robert W. Rector. Term expires June 1971. Executive Director: Bruce Gilchrist. Executive Secretary: H. G. Asmus.

HISTORY AND ORGANIZATION: Formed in 1961 as the successor to the National Joint Computer Conference Committee. Incorporated 1970 in Delaware. *Scientific and Technical Committees:* Social Implications; Education; Information Systems. *Relationship with Other Societies:* Member Societies—Association for Computing Machinery; Institute of Electrical and Electronics Engineers Computer Society; Simulation Councils, Inc.; American Society for Information Science. *Affiliate Societies*—American Institute of Certified Public Accountants; American Statistical Association; Association for Computational Linguistics; Society for Industrial and Applied Mathematics; Society for Information Display; Special Libraries Association; American Institute of Aeronautics and Astronautics; Instrument Society of America. The Federation is the U.S. representative to the International Federation of Information Processing.

PURPOSE: To (1) represent its constituent societies in nonprofit international organizations concerned with computers and information processing; (2) represent its constituent societies engaged in various aspects of the information processing sciences and their application, providing leadership and direction in the organization and conduct of information processing activities among such societies; (3) engage in activities which promote common interests of the constituent societies; (4)

promote cooperation and information exchange in the field of information processing among professional and technical societies, various governmental organizations and nonpolitical international organizations; (5) conduct research and development activities in the information processing field; (6) serve the public by making available to journals, newspapers and other channels of public communication, reliable information on information processing and its progress.

MEMBERSHIP: Member Society (4), professional society with principal interest in computers and information processing; Affiliated Society (8), professional society which, although not principally interested, does have a major interest in computers and information processing.

MEMBERSHIP SERVICES: Public information program; statistical reports on information processing field; assistance with publication, exhibit and public relations activities; education and careers information.

PROFESSIONAL ACTIVITIES: *Research:* General statistical studies; research on social implications of computing; personnel survey of members of constituent societies; study of data communications; study of human interaction—hardware/software; study of systems certification; study of personnel certification; study of entry level programmer testing; study of professionalism in the computer field. *Educational:* Internship program to assist developing countries. *Prizes and Awards:* Harry Goode Award, annual, outstanding contributions to field; Distinguished Service Award.

PUBLICATIONS: *Proceedings of the Joint Computer Conferences*, semiannual, current volume: 37, \$26 per issue.

90 AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES. Address communications to: Paul Seel, President, 3 Cynwyd Road, Bala-Cynwyd, Pa. 19004. (215) M04-3109. President: Paul Seel. Term expires October 1971. President-Elect: E. Immel. Secretary: Dorothy Lee. Term expires October 1971. Treasurer: Katie Steinbrenner. Term expires October 1971.

HISTORY AND ORGANIZATION: Incorporated June 9, 1948 in Minnesota. *Geographic Divisions:* Six regions. *Scientific and Technical Committees:* Boundaries; Club Publications; Education; International Relations; Nomenclature; Public Relations and Conservation.

PURPOSE: To (1) promote popular interest and education in the various earth sciences and related subjects; (2) sponsor and provide means of coordinating the work and efforts of all persons and groups interested therein; (3) sponsor and encourage the formation and international development of societies and regional federations and by and through such means to strive toward greater international goodwill and fellowship.

MEMBERSHIP: Societies or clubs with the same aims as the Federation.

MEETINGS: Each region has an annual meeting; one region is host to the Federation on a rotary basis.

PROFESSIONAL ACTIVITIES: *Educational:* Scholarship Foundation awards six annual scholarships of \$750 each for each of two years toward a Master's degree or a Ph.D. degree in the earth sciences. *Prizes and Awards:* Fourteen plaques are awarded annually during the national convention for competitive displays in the earth sciences.

PUBLICATIONS: *AFMS Newsletter*, monthly. Editor: June Lang.

91 THE AMERICAN FERN SOCIETY, INC. *Address communications to:* Richard L. Hauke, Secretary, Department of Botany, University of Rhode Island, Kingston, R.I. 02881. (401) 792-2161. President: Warren H. Wagner, Jr. Term expires December 1971. Secretary: Richard L. Hauke. Term expires December 1972. Treasurer: LeRoy K. Henry. Term expires December 1971.

HISTORY AND ORGANIZATION: Originated in 1893, as the Linnaean Fern Chapter of the Agassiz Association, with 24 charter members. First annual meeting was held in Horticultural Hall, Boston on August 24, 1898. In 1905 the name was changed to The American Fern Society. Incorporated 1936 in the District of Columbia. *Relationship with Other Societies:* Affiliate of the American Association for Advancement of Science; adherent society of the American Institute of Biological Sciences.

PURPOSE: To (1) affiliate those who are interested in the study of ferns and allied plants; (2) foster such an interest; (3) encourage correspondence and exchange of specimens between members; (4) to publish matter pertaining to this group of plants.

MEMBERSHIP: Regular; Sustaining; Life; Honorary.

MEMBERSHIP SERVICES: Fern spore exchange; specimen exchange; library, herbarium.

MEETINGS: Annual (Summer).

PUBLICATIONS: *American Fern Journal*, quarterly, current volume: 60, \$5. Editor: David Lettinger.

92 THE AMERICAN FERTILITY SOCIETY. 944 South 18th Street, Birmingham, Ala. 35205. (205) 251-1252. President: Thomas F. Dillon. Term expires April 1972. President-Elect: Bruce H. Stewart. Treasurer: G. T. Jim Goust, Jr. Term expires 1973. Executive Secretary: Herbert H. Thomas. Term expires 1975.

HISTORY: Founded and incorporated in 1944 in California.

PURPOSE: To (1) extend our knowledge of all aspects of fertility and problems of infertility and mammalian reproduction; (2) provide, through its meetings, a rostrum for the presentation of scientific studies dealing with all phases of these subjects and an opportunity for formal and informal discussions among investigators in this field.

MEMBERSHIP: Active (3,012), physicians or scientists with a degree in one of the biological sciences, veterinarians, or individuals who are of high ethical standing and have evinced interest in the subject of fertility and the objectives of the Society, and who subscribe to the standards and principles of the medical profession; Junior (1,094) residents, interns and medical students in any medical specialty; Honorary (12); Emeritus (76).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Post-graduate courses and programs. *Prizes and Awards:* Squibb Lectureship; Upjohn Lectureship; Ayerst Lectureship; Ortho Symposium.

PUBLICATIONS: *Fertility and Sterility*, monthly, current volume: 22, \$25 (nonmembers). Editor: Luigi Mastroianni, Jr.

AMERICAN FISH CULTURAL ASSOCIATION. See AMERICAN FISHERIES SOCIETY.

AMERICAN FISH CULTURISTS' ASSOCIATION. See AMERICAN FISHERIES SOCIETY.

93 AMERICAN FISHERIES SOCIETY. 1040 Washington Building, Washington, D.C. 20005. (202) 347-9717. President: Robert M. Jenkins. Term expires September 1971. President-Elect: Edwin L. Cooper. Executive Secretary: Robert F. Hutton.

HISTORY AND ORGANIZATION: Founded in New York City on December 20, 1870, under the name American Fish Culturists' Association. On February 28, 1878 the organization modified its name to American Fish Cultural Association. On May 14, 1884 the name was changed to American Fisheries Society. Incorporated 1911 in the District of Columbia. *Geographic Divisions:* Four divisions; twenty-two chapters. *Scientific and Technical Committees:* Board of Professional Certification; Chemicals in Fisheries; Conservation of Estuaries; Education; Endangered Species; Fish Disease; Food Fishes Policy; Metric System Study; Names of Fishes; Pollution-Water Quality; Special Publication on Reservoirs; International Fisheries.

PURPOSE: To (1) promote the educational, scientific, and technological development and advancement of all branches of fishery science and practice, including aquatic biology, engineering, economics, fish culture, limnology, oceanography and technology; (2) gather and disseminate technical and other information of fishes, fishing, fisheries and all phases of fishery science and practice; (3) hold meetings for the presentation, exchange and discussion of information, findings and experiences on all subjects and techniques related to fishes, fishing, fisheries and all phases of fishery science and practice; (4) encourage the teaching of all phases of fishery science and the training of fishery workers in accredited colleges and universities; (5) promote the conservation, development and wise utilization of the fisheries.

MEMBERSHIP: Active, interested in the Society and in the furtherance of its purposes and objectives; Life, upon payment of the fee for life membership; Sustaining, individuals, any sporting or fishing club, any society, corporation or other organization; Library, technical, public, private or other library; Official, any Federal, State, Provincial or Territorial department or agency of the United States of America, Government of Canada, United Mexican States or any other American Republic; Honorary, ex-officio and distinguished service; Foreign, non-resident of the United States or Canada; Student, a bona fide academic student of fisheries subjects.

MEMBERSHIP SERVICES: Employment services; participation in largest professional society in fisheries.

MEETINGS: Annual (September); Spring (March).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Award of Excellence, medal and \$1,000, to an outstanding scientist in fisheries or aquatic biology for a monumental work of original research (various criteria); Best Paper Award, annual, plaque and \$150, best paper in *Transactions*; Best Student Paper Award, plaque and \$150, best student paper at an annual meeting.

PUBLICATIONS: *Transactions of the American Fisheries Society*, quarterly, current volume: 100, \$25. Editor: Gerald E. Gunning. *Journal of Ichthyology* (Translation from Russian), bimonthly, current volume: 10, \$78. Editor: Mrs. Anne F. Isikoff. *Hydrobiological Journal*, bimonthly, current volume: 6, \$58. Editor: Mrs. Anne F. Isikoff.

AMERICAN FOREST HISTORY FOUNDATION. See FOREST HISTORY SOCIETY, INC.

94 AMERICAN GASTROENTEROLOGICAL ASSOCIATION. 6900 Grove Road, Thorofare, N.J. 08086. (609) 848-1000. President: Nicholas C. Hightower. Secretary: John A. Benson. Term expires 1972. Treasurer: Wm. H. Dearing.

HISTORY: Organized 1897.

PURPOSE: To foster the development and application of the science of gastroenterology by providing leadership and aid in all aspects of this field, including patient care, research, teaching, continuing education and scientific communication.

MEMBERSHIP: Active (728); Honorary (9); Associate (184); Senior (113); Life (17); Intern (6). Membership includes active American and Canadian investigators and clinicians as well as honorary members from various countries whose published research has shown proficiency in investigation of the anatomy, physiology, medicine or surgery of the digestive canal or in problems of metabolism.

MEETINGS: Annual (Spring).

PUBLICATIONS: *Gastroenterology*, monthly.

95 AMERICAN GENETIC ASSOCIATION. 1028 Connecticut Avenue, N.W., Washington, D.C. 20036. President: Robert C. Carter. Term expires January 1972. President-Elect: Sam Price. Secretary: Patricia Sarvello. Term expires January 1972. Treasurer: Toru Arisumi. Term expires January 1972. Managing Editor: Barbara A. Kuhn.

HISTORY AND ORGANIZATION: The Association was first established by a committee appointed by the Association of Land Grant Colleges as the American Breeders Association in St. Louis, Missouri in December 1903. In 1913 the Association was reorganized and incorporated as a nonprofit educational society in the District of Columbia. Its name was changed at that time to the American Genetic Association. *Scientific and Technical Committees:* Education in Biology, *Relationship with Other Societies:* Adherent member of the American Institute of Biological Sciences; affiliate member of the American Association for the Advancement of Science; member society of the International Genetics Federation.

PURPOSE: To (1) encourage the study of genetics; (2) promote the application of genetic principles to plant and animal improvement and to the advancement of human welfare.

MEMBERSHIP: Individual (1,560), any person interested in the purposes of the Association; Life (65); Student (75), full-time undergraduate or graduate student; Patron (3); Emeritus (2), member in good standing upon permanent retirement.

MEMBERSHIP SERVICES: Book service; information service; teaching aids in genetics.

MEETINGS: Annual (January).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Frank H. Meyer Memorial Medal, annual, outstanding achievement in the field of plant exploration and introduction; Wilhelmine Key Invitational Lecture, annual, honorarium for annual lecture in human genetics.

PUBLICATIONS: *Journal of Heredity*, bimonthly, current volume: 62, \$15. Editor: Barbara A. Kuhn.

THE AMERICAN GEOGRAPHICAL AND STATISTICAL SOCIETY. See THE AMERICAN GEOGRAPHICAL SOCIETY OF NEW YORK.

96 THE AMERICAN GEOGRAPHICAL SOCIETY OF NEW YORK. Broadway at 156th Street, New York, N.Y. 10032. (212) 234-8100. President: Serge A. Korff. Secretary: David Lowenthal. Treasurer: Gordon Phelps. Director: Burton W. Adkinson.

HISTORY AND ORGANIZATION: Initiated in 1850 and established on May 22, 1852, when the Society was incorporated under the laws of the State of New York. The original title, The American Geographical and Statistical Society, was changed to the present one in 1871. *Scientific and Technical Committees:* Council of the Society.

PURPOSE: To (1) advance the science of geography; (2) serve as a central clearinghouse of geographical information; (3) preserve, expand and disseminate geographical knowledge through collections, publications, map making and scientific research.

MEMBERSHIP: Fellow (2,600), individuals interested in exploration and travel and in the accumulation, analysis, and spread of geographical knowledge; Library Associate (200), educational institutions, professional organizations, business firms, libraries; Student Associate (700), graduate students at recognized university or college, recommended annually by member of faculty.

MEMBERSHIP SERVICES: Use of research library, reference services and map collection of the Society; discount on many publications of the Society, including maps.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Generalization, computerization and automatic mapping as well as mapping and error theory; continuation of Antarctic Map Folio Series; continuation of Serial Atlas of Marine Environment Folios; West Indies Societies; Environmental Perception. *Educational:* Map Resources and Map Librarianship course given at Columbia University, School of Library Service. *Prizes and Awards:* Five Gold Medals: Cullum Geographical Medal, annual, those who distinguish themselves by geographical discoveries or to the advancement of geographical science; Charles P. Daly Medal, annual, distinguished geographical services or labors; David Livingstone Centenary Medal, scientific achievement in geography of the southern hemisphere; Samuel Finley Breese Morse Medal, geographical research; George Davidson Medal, exceptional achievement in research or exploration in the Pacific Ocean or bordering lands. Van Cleeve Memorial Medal, established 1970, outstanding original work in urban geography; O.M. Miller Cartographic Medal; Honorary Fellow Awards.

PUBLICATIONS: *Geographical Review*, quarterly current volume: 61, \$17.50. Editor: Wilma B. Fairchild. *Focus*, monthly, except July and August current volume: 21, \$3.50. Editor: Alice Taylor. *Ubique*, three issues per year. Editor: Joseph B. Lakovitch. *Current Geographical Publications*, (additions to the Research Catalogue of the Society), ten issues per year, current volume: 34, \$10. Editor: Lynn Mullins. *Soviet Geography: Review and Translations*, ten issues per year, current volume: 12, \$35 (institutions), \$10 (individuals). Editor: Theodore Shabad.

97 AMERICAN GEOLOGICAL INSTITUTE. 2201 M Street, N.W., Washington, D.C. 20037. (202) 296-7950. President: John C. Maxwell. Term expires December 1971. Secretary-Treasurer: J. Thomas Dutro, Jr. Term expires December 1971. Executive Director: Linn Hoover.

HISTORY AND ORGANIZATION: Founded 1948 in Washington, D.C. Operated as part of National Academy of Sciences from November 1948 to March 1963. Incorporated 1963 in the District of Columbia. *Scientific and Technical Committees:* Education; Geoscience Information; Manpower; Membership; Publications; Translations. *Relationship with Other Societies:* Member of the American Association for the

Advancement of Science. The American Association of Petroleum Geologists, American Geophysical Union, American Institute of Professional Geologists, Association of American State Geologists, Association of Engineering Geologists, Geochemical Society, Geological Society of America, Geoscience Information Society, Mineralogical Society of America, National Association of Geology Teachers, Paleontological Society, Seismological Society of America, Society of Economic Geologists, Society of Economic Paleontologists and Mineralogists, Society of Exploration Geophysicists, Society of Mining Engineers of The American Institute of Mechanical Engineers and the Society of Vertebrate Paleontology are member societies of the American Geological Institute.

PURPOSE: To encourage the advancement of the geological sciences as an integrated field of scientific and professional endeavor in the broadest and most liberal manner for the public welfare and the education of our people, through the coordination and supplementation of appropriate activities of its constituent societies and other organizations in such a way as to (1) promote research in the geological sciences and apply the fruits of this research to public welfare; (2) improve the qualifications and attainments of scientists in the disciplines of the geological sciences by the establishment and maintenance of high standards of education and professional ethics; (3) increase and disseminate knowledge in the geological sciences by means of publications, conferences, meetings, reports, papers, discussions, and other means of scientific communication and through such other activities as the constituent societies may request.

MEMBERSHIP: The Institute is a federation of societies. Membership requirements are set by individual societies.

MEMBERSHIP SERVICES: Preparation of serial journal indexes; accounting services; membership list maintenance services; publication distribution services; legislative information services.

MEETINGS: Individual society meetings.

PROFESSIONAL ACTIVITIES: Research: Geoscience information bibliographic reference file; translations; manpower supply and demand; geological glossary; geological highway guide; legislative information service; National Register of Scientific and Technical Personnel (contract with the National Science Foundation). *Educational:* Earth science curriculum; earth science teacher preparation; environmental studies; undergraduate geological education; visiting geological short courses; career guidance.

PUBLICATIONS: *The AGI Report*, weekly, current volume: 3. Editor: Ross L. Shipman. *Geotimes*, monthly, current volume: 15, \$2. Editor: Wendell Cochran. *Directory of Geoscience Departments (U.S. and Canada)*, biennial, current volume: 2nd edition. Editor: Bonnie C. Henderson. *International Geology Review*, monthly, current volume: 11, \$110. Editor: Wendy Cookson. *Doklady (ESS)*, bimonthly, current volume: 190, \$95. Editor: Wendy Cookson. *Geochemistry International*, bimonthly, current volume: 7, \$75. Editors: Edward Butler and Robert Tilling. *Paleontological Journal*, quarterly, current volume: 4, \$45. Editor: Nancy Dutro.

98 AMERICAN GEOPHYSICAL UNION, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037. (202) 293-1144. President: Homer E. Newell. Term expires June 1972. Secretary: Charles A. Whitten. Executive Director: A. F. Spilhaus, Jr.

HISTORY AND ORGANIZATION: Established in 1919 by the National Research Council of the National Academy of

Sciences as the U.S. National Committee for the International Union of Geodesy and Geophysics (USNC/IUGG), and the Council of the American Geophysical Union acts as the USNC/IUGG today. *Geographic Divisions:* Two. *Specialty Divisions:* Geodesy; Seismology; Meteorology; Geomagnetism and Paleomagnetism; Oceanography; Volcanology; Geochemistry and Petrology; Tectonophysics; Planetary; Solar-Planetary Relationships - Aeronomy, Cosmic Rays, Magnetospheric Physics and Solar and Interplanetary Physics. *Scientific and Technical Committees:* International Participation; Geophysical Data; Geophysical Monograph Board; Antarctic Research Series Board; Russian Translation Board; Metric System; Museum Exhibit; Environmental Quality; Rock Mechanics. *Relationship with Other Societies:* Member society of the American Geological Institute.

PURPOSE: To (1) assist in carrying out the objects of the International Union of Geodesy and Geophysics, which are: to promote the study of problems concerned with the figure and physics of the earth, to initiate and coordinate researches which depend upon international cooperation, and to provide for their scientific discussion and publication, and to facilitate special researches; (2) promote, coordinate, and facilitate the study of the various branches and interrelationships of geodesy and geophysics in the U.S., its outlying territories, and the ocean; (3) provide for scientific discussion, publication and dissemination of information relative to these fields through its publication.

MEMBERSHIP: Individual (7,399), persons actively engaged in geophysical research or its applications, progressive experience of three years or more beyond a Baccalaureate degree or its equivalent; Associate (1,634), persons whose interest in geophysics warrants their election, including a less experienced person who does not qualify for the grade of Individual member; Student (1,250), college and university students engaged in at least a half-time program of study leading to a degree in science or engineering; Supporting (50), corporations or other organizations and individuals interested in geophysics and desirous of supporting the work of the Union.

MEMBERSHIP SERVICES: Group travel to international meetings.

MEETINGS: Semiannual (Spring and Fall)

PROFESSIONAL ACTIVITIES: *Educational:* Visiting scientist program provides colleges and universities with specialists in the application of mathematics, physics and chemistry to the study of the earth and aids institutions in formulating plans for the inclusion of geophysics in their regular program. *Prizes and Awards:* William Bowie Medal, annual, outstanding contributions to fundamental geophysics and unselfish cooperation in research; John A. Fleming Medal, annual, original research and technical leadership in geomagnetism, atmospheric electricity, aeronomy, and related sciences; James B. Macelwane Award, annual, in recognition of significant contributions to the geophysical sciences by a young scientist of outstanding ability; Walter H. Bucher Medal, annual, original contributions to the basic knowledge of the earth's crust.

PUBLICATIONS: *Journal of Geophysical Research*, three sections issued monthly, current volume: 76, \$50. Editors: Orson L. Anderson, Karl K. Turekian, W. Ian Axford. *Reviews of Geophysics*, quarterly, current volume: 9, \$12.50. Editors: Alexander J. Dessler, William M. Kaula, Douglas K. Lilly. *Water Resources Research*, bimonthly, current volume: 7, \$20. Editors: George H. Davis, Charles W. Howe. *Radio Science*, monthly, current volume: 6, \$30. Editor: Sidney A. Bowhill.

EOS, monthly, current volume: 52, \$5. Editor: A. F. Spilhaus, Jr.

99 THE AMERICAN GERIATRICS SOCIETY, INC. 10 Columbus Circle, New York, N.Y. 10019. (212) 582-1333. Chairman: George G. Reader. Term expires April 1971. President: Charles E. Lyght. Term expires April 1971. President-Elect: Irving S. Wright. Secretary: Francis P. Rhoades. Term expires April 1971. Executive Director: Edward Henderson.

HISTORY AND ORGANIZATION: Founded in 1942 in Atlantic City, New Jersey. Incorporated under the laws of the State of Rhode Island on July 17, 1952. The headquarters was moved to New York City in 1962 and the Society was incorporated in New York State pursuant to the Membership Corporations Law of the State of New York on September 9, 1963. *Scientific and Technical Committees:* Research and Education; National Industrial Advisory.

PURPOSE: To (1) acquire, organize and disseminate among medical students, physicians, nurses, social service workers, sociologists, biologists and other interested groups, knowledge about aging and diseases of the aging and aged through publication of a journal or other suitable means; (2) initiate and participate in ways and means of improving the care and treatment of aging and aged individuals; (3) encourage, promote and sponsor research in the broad field of geriatrics and gerontology; (4) stimulate and foster the development of affiliate regional organizations; (5) establish and maintain liaison with other groups concerned with aging and its problems, including medical schools, hospitals, research foundations, industry, labor, voluntary health organizations, governmental agencies, women's auxiliaries and clubs and senior citizen groups.

MEMBERSHIP: Member (142), interested in the objectives and activities of the Society; Fellow (7,544), Members recommended by the Membership Committee and approved by a majority of the Board of Directors, or others who have made distinguished contributions to gerontology.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Malford W. Thewlis Gold Medal Award, annual, \$1,000 and medal, outstanding contributions to the welfare of the Society; Edward B. Allen Gold Medal Award, annual, \$1,000 and medal, important contributions to the field of geriatric psychiatry; Edward Henderson Lecture Award, annual, \$1,000 and medal, research and published works in the field of life sciences relating to the aging of man and making exceptional contributions to a better understanding of the problems of health care for the aging and aged; Willard O. Thompson Gold Medal Award, annual, \$1,000 and medal, distinguished contributions to the field of geriatric medicine.

PUBLICATIONS: *Journal of the American Geriatrics Society*, monthly, current volume: 19, \$15 (U.S. and Canada), \$18 (Foreign). Editor: Edward Henderson.

100 AMERICAN GROUP PSYCHOTHERAPY ASSOCIATION, INC. 1790 Broadway, New York, N.Y. 10019. (212) 245-7732. President: Emanuel Hallowitz. Term expires January 1972. President-Elect: Jay W. Fidler. Secretary: Leonard R. Kane. Treasurer: Stanley S. Kanter. Administrative Secretary: Margaret Keefe.

HISTORY AND ORGANIZATION: Founded 1942. *Scientific and Technical Committees:* Group Methods in Community Mental Health; Audio Visual Aids; Social Issues; World Federation of Mental Health Representatives. *Relationship with Other Societies:* Includes as affiliates the Group Psycho-

therapy Societies of Delaware Valley, Eastern, Golden Gate, Los Angeles, Louisiana, Maine, Mid-Atlantic, Minnesota, New Jersey, Northeastern, Southeastern, Southwestern, Tri-State, Connecticut, Wolverine; six foreign country affiliates.

PURPOSE: To (1) provide a forum for the exchange of ideas among qualified professional persons interested in group psychotherapy; (2) publish and make publications available on all subjects relating to group psychotherapy; (3) encourage the training of group psychotherapists; (4) establish and maintain high standards of qualifications and practice; (5) encourage and promote research in group psychotherapy.

MEMBERSHIP: Full, psychiatrists, psychologists and social workers who are full members of, or are qualified for full membership in, their respective national organizations and who have had at least three years' experience in the practice of psychotherapy in a mental health facility; Associate, properly licensed physicians, psychologists with a Master's degree or equivalent and social workers, all of whom, after graduation from a recognized school, have had at least two years of experience in the practice of psychotherapy in a mental health facility.

MEETINGS: Annual (January or February).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Scholarships to Annual Institute.

PUBLICATIONS: *International Journal of Group Psychotherapy*, quarterly, current volume: 21, \$12. Editor: Saul Scheidlinger.

101 AMERICAN GYNECOLOGICAL SOCIETY. *Address communications to:* Tommy N. Evans, Assistant Secretary, 3790 Woodward Avenue, Detroit, Mich. 48201. (313) 833-2000. President: S. Leon Israel. Secretary: Ben M. Peckham. Term expires May 1972.

HISTORY AND ORGANIZATION: Founded in 1876. *Scientific and Technical Committees:* Education in Obstetrics and Gynecology.

PURPOSE: To advance knowledge in the field of obstetrics and gynecology.

MEMBERSHIP: Fellow (90), graduated at least ten years previously from medical school, proposed by two Fellows of the Society; Honorary Fellow (10), proposed by the Council; Life Fellow (47).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Fred L. Adair Award, biannual, to a distinguished contributor to knowledge of human reproduction, with special emphasis on genetics.

PUBLICATIONS: *Transactions of the American Gynecological Society*, annual. Editor: Ben M. Peckham.

102 AMERICAN HEART ASSOCIATION, INC. 44 East 23rd Street, New York, N.Y. 10010. (212) 477-9170. President: William W. L. Glenn. Term expires November 1971. President-Elect: J. Willis Hurst. Board Chairman: Lowell F. Johnson. Term expires January 1972. Secretary: Elwood Ennis. Term expires January 1972. Treasurer: H. Willis Nichols. Term expires November 1971. Executive Director: James M. Hundley.

HISTORY AND ORGANIZATION: Incorporated in 1924 by a group of distinguished cardiologists. Reorganized in 1948 as a national voluntary health agency to develop a broad program of research, public and professional education and community service programs. Incorporated 1948 in New York State. *Geographic Divisions:* Fifty states plus Puerto Rico and four large metropolitan centers. *Specialty Councils:* Arteriosclerosis; Basic Science; Cardiovascular Nursing; Cardiovascular Surgery;

Cerebrovascular Disease; Circulation; Clinical Cardiology; Epidemiology; High Blood Pressure Research; The Kidney in Cardiovascular Disease; Rheumatic Fever and Congenital Heart Disease; Thrombosis. *Scientific and Technical Committees:* Medical and Community Program; Nutrition Programming; Scientific Advisory on Nutrition; Public Education; Rehabilitation, Stress, Strain and Heart Disease; Medical Education; Research.

PURPOSE: To undertake (1) the study of and acquisition, dissemination and application of knowledge concerning the normal heart and circulation and the causes, diagnosis, prevention, and treatment of disorders of the circulation and diseases of the heart, blood vessels and lymph vessels; (2) the gathering and publication of information upon all aspects of such disorders and diseases; (3) the encouragement of the establishment of special dispensary facilities for patients with such diseases; (4) the conduct of similar activities in other related fields of medicine and research or through other health organizations; (5) the encouragement of local associations and committees with similar purposes.

MEMBERSHIP: Individual (88,764), members of affiliated heart associations; Fellow (2,405), meeting requirements of scientific councils of the Association.

MEMBERSHIP SERVICES: A wide variety, including educational materials, training and legislative advisory services.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Extensive annual program of support for scientific research (\$2,771,555 for support of 140 investigators: 14 Career Investigators, 5 Visiting Scientists, 109 Established Investigators, 2 British-American Research Fellows, 10 Research Fellows, \$2,901,564 for support of 244 cardiovascular research projects); affiliates and chapters support many fellowships and project grants. *Educational:* Sponsors and conducts a wide variety of symposia, scientific sessions and other special purpose meetings. *Prizes and Awards:* Merit Award, four to six awards annually, for outstanding service to the Association; Gold Heart Award, one or two awards annually, for the most distinguished service to the Association; Heart-of-the-Year Award, one each year, to a person recovered from a heart attack who has continued distinguished national service.

PUBLICATIONS: *Circulation*, monthly, current volume: 43, \$20 (domestic), \$24 (foreign). Editor: Charles K. Friedberg. *Circulation Research*, monthly, current volume: 28, \$25 (domestic), \$25 (foreign). Editor: Robert M. Berne. *Stroke - A Journal of Cerebral Circulation*, bimonthly, current volume: 2, \$25 (domestic), \$30 (foreign). Editor: Clark H. Millikan. *Recurring Bibliography of Hypertension*, bimonthly, current volume: 3, \$8 (domestic), \$9 (foreign). Editor: J. Edwin Wood.

103 AMERICAN HELICOPTER SOCIETY, INC. 30 East 42nd Street, New York, N.Y. 10017. (212) 697-5168. President: Joseph Mashman. Term expires May 1971. Chairman of the Board: K. B. McCutcheon. Term expires May 1971. Secretary-Treasurer: Mark E. Kirchner. Term expires May 1971. Executive Director: Harry M. Lounsbury.

HISTORY AND ORGANIZATION: Founded February 1943. Incorporated the same year in Connecticut. *Geographic Divisions:* Six regions; fourteen sections. *Scientific and Technical Committees:* Technical.

PURPOSE: To embrace the research, development, design, manufacture, test, operation, support and useful application of all aircraft capable of sustained hovering or steep-gradient flight.

MEMBERSHIP: Regular (3,150), affiliation with industry;

Student (100), attending university; Military (750), U.S. military.

MEETINGS: Annual Forum (May); Annual Symposium (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Dr. Alexander Klemin Award, notable achievement in advancement of rotary-wing aeronautics; Captain William J. Kossler Award, greatest achievement in practical application or operation of rotary-wing aircraft; Frederick L. Feinberg Award, \$200, outstanding achievement; Paul E. Haueter Memorial Award, significant contribution to the development of VTOL aircraft other than helicopters; Igor I. Sikorsky International Trophy, to the company that designs and builds a helicopter establishing an official record during the preceding calendar year; Grover E. Bell Award, annual, \$250, outstanding contribution to helicopter development; Honorary Fellowships, notable and meritorious service in advancing rotary-wing aeronautics.

PUBLICATIONS: *VertiFlite*, monthly, \$10 (domestic), \$12 (foreign). Editor: H. M. Lounsbury. *Journal of the American Helicopter Society*, quarterly, current volume: 16, \$7 (domestic), \$10 (foreign). Editor: Barnes W. McCormick, Jr. *Annual Proceedings*, annual, current volume: 27.

104 AMERICAN HISTORICAL ASSOCIATION, 400 A Street, S.E., Washington, D.C. 20003. (202) 544-2422. President: Joseph R. Strayer. Term expires December 1971. Executive Secretary: Paul L. Ward. Treasurer: Elmer Louis Kayser. Term expires December 1971.

HISTORY AND ORGANIZATION: Created in 1889 by a special act of Congress. *Geographic Divisions:* Pacific Coast branch. *Scientific and Technical Committees:* Information Services; International Historical Activities; Profession Register; Ph.D. Programs in History; Teaching in the Schools; Undergraduate Teaching.

PURPOSE: To (1) promote historical studies; (2) collect and preserve historical manuscripts; (3) disseminate the fruits of historical research.

MEMBERSHIP: Regular; Student; Retired; Spouse; Life.

MEMBERSHIP SERVICES: Professional register; placement service; bibliographical essays; experimental aids for history teachers.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Research:* Activities of ad hoc committees on American-East Asian Relations, Quantitative Data in History, Rights of Historians, the Status of Women in the Profession, the Defense of the Rights of Historians under the First Amendment and the Historian and the Federal Government. *Educational:* Activities of ad hoc committees on the History Education Project, Documentary and TV Films and the Feature Films Project. *Prizes and Awards:* Harmsworth Professorship; Anderson Award; Albert J. Beveridge Award; Adams Prize; John H. Dunning Prize; John K. Fairbank Prize; Clarence H. Haring Prize; Robert Livingston Schuyler Prize; Watumull Prize.

PUBLICATIONS: *American Historical Review*, five issues per year, current volume: 76, free to members. Editor: Robert K. Webb. *AHA Newsletter*, five issues per year, current volume: 9, free to members. Editor: John J. Rumbarger. *AHA Pamphlet Series*, irregular current volume: 75, \$1 per copy. Editor: Ann L. Hofstra. *Professional Register Bulletin*, ten issues per year, current volume: 3, \$2 (members), \$4 (non-members). Editor: Nancy J. Clancy. *Annual Report of the American Historical Association*, annual, free to members. Editor: Paul L. Ward.

105 AMERICAN HOME ECONOMICS ASSOCIATION. 2010 Massachusetts Avenue, N.W., Washington, D.C. 20036. (202) 833-3100. President: Mercedes Bates. Term expires 1971. President-Elect: Naomi Albanese. Recording Secretary: Marjorie East. Treasurer: Doris Hanson. Executive Director: Doris Hanson.

HISTORY AND ORGANIZATION: Founded December 31, 1908 at Lake Placid, New York. Incorporated May 1909 in New York State. Reincorporated May 1951 in the District of Columbia. *Geographic Divisions:* Fifty-two. *Specialty Divisions:* Professional Sections—Colleges and Universities; Elementary, Secondary and Adult Education; Extension Service; Health and Welfare; Home Economists in Business; Home Economists in Homemaking; Research; Student Member. Subject Matter Sections—Art; Communications; Family Economics-Home Management; Family Relations and Child Development; Food and Nutrition; Home Economics Teacher Education; Housing Furnishings and Equipment; Institution Administration; Textiles and Clothing. *Scientific and Technical Committees:* Consumer Interests; Rehabilitation; Family Life Education Workshop; National Metric Conference; Criteria for Consumer Education Programs and Materials.

PURPOSE: To (1) further education and science in home economics; (2) improve and strengthen education in home economics; (3) establish and improve standards of service and scientific research in the public interest in home economics; sponsor and otherwise support seminars, debates, symposia, conferences and similar professional discussion in home economics; (4) state and disseminate policy for professional guidance at the national and international levels concerning the public interest in home economics; (5) identify and study social, economic and psychological changes having implications for home economics programs and bring these changes to the attention of the home economics profession and the public; (6) encourage and promote a sufficiently full and fair exposition of the pertinent facts involving legislation affecting home economics and the improvement of home and family life as to permit an individual or the public to form an independent opinion or conclusion; (7) promote liaison and other cooperative professional activity with groups having related concerns in behalf of the public interest in home economics.

MEMBERSHIP: Active (27,132), persons with (a) Bachelor's degree or an advanced degree with a major in home economics or in a specialized area of home economics from an accredited university or college in the U.S. or Canada, (b) Bachelor's or advanced degree from an accredited college or university in the U.S. or Canada with a major in a specialized subject-matter area related to home economics with a minimum of two years' experience in home economics; Reserve (6,398), persons who meet the requirements for Active membership, but who are not employed full time, i.e., more than 20 hours a week; Student (14,582).

MEETINGS: Annual (Summer).

PROFESSIONAL ACTIVITIES: *Educational:* Effie I. Raitt Fellowship, \$4,000, for graduate work toward a doctorate in any of the areas of home economics study; Ellen H. Richards Fellowship, \$3,000, for home economics graduates; Home Economics in Business Section Fellowship, to \$3,000, for graduate study in any area of home economics or in a related field; Mildred Horton Fellowship, two, \$1,500 each, to doctoral candidates to assist with the completion of research and the dissertation; Omicron Nu Research Fellowship, \$1,500; Kappa Omicron Phi-Hettie Margaret Anthony Fellowship, \$500, to members of Kappa Omicron Phi for study at the master's or

doctoral level; American Home Economics Association—Rehabilitation Service Administration Graduate Traineeships in Rehabilitation, to \$4,200, for advanced study in rehabilitation; International Scholarships, to women students from other countries for study in the U.S. at the graduate or advanced graduate level. *Prizes and Awards:* Borden Award, \$1,000, annual, for outstanding research in the field of nutrition or experimental foods.

PUBLICATIONS: *Journal of Home Economics*, monthly except June, July, August, current volume: 63, \$12. *Home Economics in Institutions Granting Bachelor's or Higher Degrees*, biennial. *Home Economics Research Abstracts*, annual. *Titles of Dissertations and Theses Completed in Home Economics*, annual. Editor of Publications: Ruthanna Russell.

AMERICAN HORTICULTURAL COUNCIL. See AMERICAN HORTICULTURAL SOCIETY.

106 AMERICAN HORTICULTURAL SOCIETY. 901 North Washington Street, Alexandria, Va. 22314. (703) 683-3077. President: David G. Leach. Term expires 1971. Secretary: George H. M. Lawrence. Treasurer: John M. Patek. Term expires 1972. Executive Director: O. Keister Evans.

HISTORY AND ORGANIZATION: Founded 1922 in Washington, D.C. Merged with the National Horticultural Society 1926. Incorporated 1932 in Washington, D.C. Consolidated with the American Horticultural Council 1959. *Specialty Divisions:* Plant Records Center. *Scientific and Technical Committees:* Environmental Horticulture; Nomenclature and Registration; Horticultural Standards and Ethics; International Horticultural Relations.

PURPOSE: To (1) promote and encourage national interests in scientific research and education in all branches of the corporation; (2) sponsor an annual American Horticultural Congress; (3) disseminate horticultural knowledge through the Society's publications; (4) participate and take leadership in national and international horticultural matters; (5) promote plant legislation and standardization of horticultural nomenclature; (6) develop mutual understanding among individuals and organizations concerned with horticulture.

MEMBERSHIP: Individual (2,200); Organizational-Institutional (200); Library (200).

MEMBERSHIP SERVICES: Seed distribution service; horticultural information service; lending library; speakers service; film service; standards and ethics.

MEETINGS: Annual (Fall); Regional (Spring).

PROFESSIONAL ACTIVITIES: *Research:* A survey to determine which trees, shrubs and plants have been shown, for each of the major regions of the U.S., to endure air pollution, compacted soil, restricted roots and the effect of night street lighting under varying climatic conditions in these regions, and which will thrive with minimum maintenance in public plantings. *Educational:* American Horticultural Congress; Williamsburg Garden Symposium; Clara B. Ford Garden Forum; standards to certify qualified individuals in the areas of practical gardening and horticulture; vocational guidance to youth interested in horticulture. *Prizes and Awards:* Liberty Hyde Bailey Medal, annual, highest award for achievements in American horticulture; Horticultural Citations, annual, awarded in scientific, garden writer, teaching, commercial, amateur, plant breeding and special categories.

PUBLICATIONS: *American Horticultural Magazine*, quarterly, current volume: 50, members only. Editor: John P.

Baumgardt, *New and Views*, quarterly, current volume: 13.
Editor: O. Keister Evans.

- 107 AMERICAN INDUSTRIAL HYGIENE ASSOCIATION.** 25711 Southfield Road, Southfield, Mich. 48075. (313) 352-4110. President: Franklin W. Church. Term expires May 1971. President-Elect: John A. Zapp, Jr. Secretary: Edward J. Baier. Term expires May 1971. Treasurer: David A. Fraser. Term expires May 1971. Managing Director: George D. Clayton. Term expires June 1971.

HISTORY AND ORGANIZATION: Established in 1939. *Geographic Divisions:* Thirty-two local sections. *Scientific and Technical Committees:* Board Liaison and Coordination; Aerosol Technology; Aerospace; Air Pollution Evaluation and Control; Analytical Chemistry; Biochemical Assays; Criteria for Community Air Quality; Engineering; Ergonomics; Hygienic Guides; Ionizing Radiation; Non-ionizing Radiation; Respirator; Occupation Toxicology.

PURPOSE: To (1) promote the study, evaluation, and control of environmental stresses arising in or from the work place or its products, in relation to the health or well-being of workers and the public; (2) increase the knowledge of industrial and environmental health through interchange and dissemination of information and to bring together persons interested in the various phases of industrial and environmental health; (3) promote the profession through the encouragement of interest within and cooperation with governmental, industrial, educational and other professional bodies.

MEMBERSHIP: Full (1,650), three years experience, currently spending majority of time in industrial hygiene, or full time graduate student in industrial hygiene; Associate, college graduate or graduate student in industrial hygiene; Student, college undergraduate; Emeritus, retired, application approved by Board; Honorary (20), selection by Awards Committee, approved by Board; Industrial (127), application required.

MEMBERSHIP SERVICES: Employment service.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational:* Refresher courses during annual meeting; short courses presented in cooperation with universities. *Prizes and Awards:* Cummings Memorial Award, outstanding contributions to the knowledge and practice of industrial hygiene; William P. Yant Award, to an individual outside the U.S. for outstanding contributions in the field of industrial hygiene or allied fields.

PUBLICATIONS: *American Industrial Hygiene Association Journal*, monthly, current volume: 32, \$20 and \$21. Editor: Dohman H. Byers.

AMERICAN INDUSTRIAL RADIUM AND X-RAY SOCIETY, INC. See THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING, INC.

- 108 AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS.** 1290 Avenue of the Americas, New York, N.Y. 10019. (212) 581-4300. President: Martin Goland. Term expires February 1972. Executive Secretary: James E. Harford. Term indefinite. Treasurer: Robert W. Rummel.

HISTORY AND ORGANIZATION: Formed in 1963 by merger of American Rocket Society and Institute of Aeronautical Sciences. Incorporated in New York State. *Geographic Divisions:* Six regions; sixty-eight sections. *Scientific and Technical Committees:* Aerodynamic Deceleration Systems; Air Breathing Propulsion; Aircraft Design; Aircraft Operation; Astrodynamics; Atmospheric Environment; Atmospheric Flight Mechanics; Communications; Computer Systems; Electric

Power Systems; Electric Propulsion; Entry Vehicles; Flight Testing; Fluid Dynamics; Ground Testing and Simulation; Guidance and Control; History; Launch Vehicles and Missiles; Law and Sociology; Life Sciences and Systems; Liquid Rockets; Marine Systems; Materials; Nuclear Propulsion; Plasmodynamics; Propellants and Combustion; Sensors Systems; Solid Rockets; Space and Atmospheric Physics; Spacecraft; Structural Dynamics; Structures; Support Systems; Systems Effectiveness and Safety; Thermophysics; Underwater Propulsion.

PURPOSE: To advance the arts, sciences and technology of aeronautics and astronautics and hydronautics by encouraging original research, fostering the dissemination of new knowledge, furthering the professional development of those engaged in scientific and engineering activities, improving public understanding of the profession and its contributions, fostering education in engineering and science, promoting communication among engineers and scientists and with other professional groups, and stimulating outstanding professional accomplishments.

MEMBERSHIP: Honorary Fellow, persons of eminence in aeronautics or astronautics, nominated and elected by Fellows residing in U.S.; Honorary, persons of distinction associated with aeronautics or astronautics, nominated and elected by the Board of Directors; Fellow, persons of distinction in aeronautics or astronautics making notable and valuable contributions to the arts, sciences or technology thereof; Associate Fellow, persons who have accomplished or been in charge of important engineering or scientific work, or who have done original work of outstanding merit, or who have otherwise made outstanding contributions to the arts, sciences, or technology of aeronautics or astronautics; Member, persons who have acquired a professional standing in the practice of the arts, sciences or technology of aeronautics or astronautics; Associate, persons who have acquired a recognized standing in professional or non-professional positions associated with the development or application of aeronautics or astronautics; Student, persons enrolled in undergraduate or graduate study at recognized colleges and universities offering curricula and studies acceptable to the Institute; Corporate, organizations whose activities include professional practice of the arts, sciences or technology of aeronautics or astronautics; Benefactors.

MEETINGS: Annual.

PUBLICATIONS: *Astronautics and Aeronautics*, monthly, \$20 (nonmembers). Editor: John Newbauer. *AIAA Journal*, monthly, \$10 (nonmembers). Editor: R. F. Bryana. *AIAA Student Journal*, monthly, \$8 (members), \$33 (nonmembers). Editor: George W. Sutton. *AIAA Bulletin*, four issues per year, \$4. Editor: Pasquale M. Sforza. *International Aerospace Abstracts*, semimonthly, \$54. Editor: John J. Glennon. *Journal of Spacecraft and Rockets*, monthly, \$30 (nonmembers). Editor: Gordon L. Dugger. *Journal of Aircraft*, bimonthly, \$15 (nonmembers). Editor: Carl F. Schmidt. *Journal of Hydronautics*, quarterly, \$12 (nonmembers). Editor: John P. Breslin.

- 109 AMERICAN INSTITUTE OF ARCHITECTS.** 1785 Massachusetts Avenue, N.W., Washington, D.C. 20036. (202) 265-3113. President: Robert F. Hastings. Term expires December 1971. President-Elect: Max O. Urbahn. Secretary: Preston M. Bolton. Term expires December 1971. Treasurer: Rex L. Becker. Term expires December 1971. Executive Vice President: William L. Slayton.

HISTORY AND ORGANIZATION: Incorporated April 15, 1857

in New York State as the American Institute of Architects (AIA). *Geographic Divisions*: Seventeen regions; 173 chapters. *Scientific and Technical Committees*: Public Services; Public Affairs; Education and Research; Professional Services; Community Services. *Relationship with Other Societies*: Interlocking directorate of the Urban Design and Development Corp.; power to name Board of the Production Systems for Architects and Engineers, Inc.; interlocking membership in the American Institute of Architects Foundation; formal affiliations with the Guild for Religious Architecture and the Producers' Council, Inc.

PURPOSE: To (1) organize and unite in fellowship the architects of the United States of America; (2) combine their efforts so as to promote the aesthetic, scientific, and practical efficiency of the profession; (3) advance the science and art of planning and building by advancing the standards of architectural education, training and practice; (4) coordinate the building industry and the profession of architecture to insure the advancement of the living standards of our people through their improved environments; (5) make the profession of ever increasing service to society.

MEMBERSHIP: Corporate (227,19), a U.S. legal resident, willing to abide by AIA's Standards of Professional Practice, honorable standing in community, five people as references, (three of whom shall be AIA members), licensed to practice architecture in one of the states.

MEETINGS: Annual (Spring or Summer).

PROFESSIONAL ACTIVITIES: *Research*: Study of an information system for the construction industry; survey of information needs of architects; international survey of who, what and where of research as related to architectural design, planning, user requirements, building materials, urban sociology and psychology. *Educational*: Sponsors annual Architect Researcher's Conference; sponsors annual AIA/ACSA Teachers' Seminar; conducts continuing education courses and seminars; AIA/Ford Architectural Scholarship Program offers full coverage for essential school expenses to minority group members who have displayed the promise and potential of becoming competent architects. *Prizes and Awards*: Henry Adams Endowment Fund, annual, to most gifted scholar in the graduating class of each architectural school accredited by the National Architectural Accrediting Board; Honor Award, annual, for distinguished architectural projects by American architects; Gold Medal, for distinguished service to the profession of architecture.

PUBLICATIONS: *AIA Journal*, monthly, current volume: 55, \$5 (members), \$10 (nonmembers). Editor: Robert E. Koehler. *AIA Memo*, monthly, current volume: 427. Editor: Peggy Grant. *AIA Governmental Affairs Review*. Editor: Elizabeth Wexler.

110 AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, INC. 3900 Wisconsin Avenue, N.W., Washington, D.C. 20016. (202) 244-5581. President: David E. Davis. Term expires December 1971. President-Elect: W. Frank Blair. Secretary-Treasurer: Richard Cowan. Director: John R. Oljve.

HISTORY AND ORGANIZATION: Founded 1947 as the American Institute of Biological Sciences (AIBS), with twelve charter societies. Incorporated 1955 in the District of Columbia. *Geographic Divisions*: Fifty-six student chapters. *Scientific and Technical Committees*: Planetary Quarantine; Environment; Behavior; Exobiology; Oceanic Biology; Microbiology; Physiology; Radiation and Pasteurization of Foods; Education; Bioinstrumentation; Publications; Public Responsibilities. *Re-*

lationship with Other Societies: AIBS is officially represented in the Scientific Manpower Commission; Biological Science Information Services; American Association for the Advancement of Science; U.S. National Committee for UNESCO; National Society for Medical Research; National Resources Council; Alliance for Engineering in Biology and Medicine; American Type Tissue Culture Collection; National Academy of Science-National Research Council; The American Biology Council. AIBS adherent societies include the American Association of Anatomists; American Association of Bioanalysts; American Bryological and Lichenological Society; American Fern Society; American Fisheries Society; American Genetic Association; American Microscopical Society; American Phytopathological Society; American Society for Cell Biology; American Society for Horticultural Science; American Society for Microbiology; American Society of Agronomy; American Society of Animal Science; American Society of Limnology and Oceanography; American Society of Naturalists; American Society of Parasitologists; American Society of Plant Physiologists; American Society of Plant Taxonomists; American Society of Range Management; American Society of Zoologists; Animal Behavior Society; Association of Official Seed Analysts; Botanical Society of America; Council of Biology Editors; Ecological Society of America; Entomological Society of America; Genetics Society of America; Mycological Society of America; National Association of Biology Teachers; Phi Sigma Society; Physiological Society of America; Poultry Science Association; Society for Developmental Biology; Society for Industrial Microbiology; Society for Invertebrate Pathology; Society for the Study of Evolution; Society for the Study of Reproduction; Society of Nematologists; Society of Protozoologists; Society of Systematic Zoology; The Nature Conservancy; The Teratology Society; The Wildlife Society; Wildlife Disease Association. AIBS affiliate societies include the American Museum of Natural History; Association of Midwestern College Biology Teachers; Association of Southeastern Biologists; Beta Beta Beta; Biosciences Information Service of Biological Abstracts; Buffalo Museum of Science; Columbus Laboratories of Battelle Memorial Institute; Denver Museum of Natural History; Hawk Mountain Sanctuary Association; The John Tyler Arboretum; National Museum of Natural History, Smithsonian Institution; Open Space Institute; Sport Fishing Institute.

PURPOSE: To (1) advance the biological, medical and agricultural sciences and their applications to human welfare; (2) foster, encourage and conduct research in the biological sciences; (3) assist societies, other organizations and biologists in such matters of common concern as can be dealt with effectively by united action; (4) cooperate with local, national and international organizations concerned with the biological sciences; (5) promote unity and effectiveness of effort among all those who are devoting themselves to the biological sciences and their applications by research, by teaching or by study; (6) hold and sponsor scientific meetings and foster the relations of the biological sciences to other sciences, to the arts and industries, and to the public good.

MEMBERSHIP: Individual (10,566), person actively engaged in, or interested in, pursuits contributing to the development and advancement of the biological sciences; Student (3,689), full or part-time student, but excluding persons employed full-time and taking biological courses as a hobby; Sustaining (127); Life (14); Emeritus (338), Individual or Sustaining member for three consecutive years and now retired.

MEMBERSHIP SERVICES: Placement service; membership list

maintenance for member societies.

MEETINGS: Annual (August); Annual Interdisciplinary Meeting (June); Annual National Biological Congress (Fall).

PROFESSIONAL ACTIVITIES: *Research:* National Register of Scientific and Technical Personnel; Flora North America Program producing a synthesis of knowledge about vascular plants; Commission on Undergraduate Education in the Biological Sciences; Conservation of Ecosystems Program. *Educational:* Computers for the Biologist; Visiting Biologists Program; Consultants Bureau to assist institutions of higher learning requesting assistance in planning curricula or facilities; Department Chairman Program to advise and exchange ideas on curricula, entrance requirements and finances; career guidance; refresher courses in biology, environmental education for the adult public, the preparation of college teachers, investigative laboratories in action, and the development of balanced programs for two-year colleges; Asia Foundation Grant-in-Aid to Asian Students to help prepare dissertations for Ph.D.'s; scholarships for the annual biomedical telemetry course; American tables selection committee for research at Naples Zoological Station. *Prizes and Awards:* AIBS-Campbell Award, outstanding research of fundamental or practical significance to vegetable production; Asia Foundation Award, outstanding research by an Asian biologist.

PUBLICATIONS: *BioScience*, 24 issues per year, current volume: 21, \$18 (domestic), \$20 (foreign). Editor: John A. Behnke. *CUEBS News*, bimonthly, current volume: 7, free. Editor: Edward J. Kormondy.

111 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS.

345 East 47th Street, New York, N.Y. 10017. (212) PL2-6800. President: J. J. Martin. Term expires December 1971. Treasurer: T. A. Burtis. Term expires December 1971. Executive Secretary: F. J. Van Antwerpen.

HISTORY AND ORGANIZATION: The first organizational meeting was held on June 22, 1908 in Philadelphia, Pa. Incorporated 1910 in New York. *Geographic Divisions:* Ninety-five local sections. *Specialty Divisions:* Nuclear Engineering; Heat Transfer and Energy Conversion; Forest Products; Environmental Food and Bioengineering; Petroleum and Petrochemical; Materials Engineering and Sciences; Agricultural (division in formation). *Scientific and Technical Committees:* Admissions; Awards; Career Guidance; Chemical Engineering Education Projects; Continuing Education; Education Activities Coordinating Board; Education and Accreditation; Equipment Testing Procedures; Government Programs Advisory; Information Systems; International Relations; Machine Computation; Membership; Professional Development; Professional Legislation; Program; Publications; Public Relations; Research; Standards; Student Chapters; Council on External Affairs; Council on Technical Affairs; Council on Member Relations; Council on Divisions; Council on Educational Affairs. *Relationship with Other Societies:* Participating member in Engineers' Council for Professional Development; member of Interamerican Confederation of Chemical Engineering and American National Standards Institute, Inc.

PURPOSE: To (1) advance chemical engineering in theory and in practice; (2) maintain a high professional standard among the Institute members; (3) serve society, particularly where chemical engineering can contribute to the public interest.

MEMBERSHIP: Members (12,621, candidates who have (1) a B.S. in chemical engineering, or an equivalent degree, from a university, college, or technical school of recognized standing, with at least six years' experience in chemical engineering, or

(2) a B.S. in science or engineering other than chemical engineering, or an equivalent degree, from a university, college, or technical school of recognized standing, with seven years' experience in chemical engineering, or other equivalent requirements; Associate (22,253), candidates who have (1) a B.S. in chemical engineering, or an equivalent degree, from a university, college, or technical school of recognized standing, or (2) a B.S. in science or engineering other than chemical engineering, or an equivalent degree, from a university, college or technical school of recognized standing and engaged in chemical engineering, or other equivalent requirements; Affiliate (882), capable of cooperation with engineers in the advancement of chemical engineering knowledge and practice; Student (1,514), enrolled in a curriculum leading to a degree in engineering and interested in chemical engineering as a profession; Emeritus (280); Armed Forces (674).

MEMBERSHIP SERVICES: Employment services; continuing education seminars; advice on methods and standards of education; evaluation of curricula.

MEETINGS: Annual (Fall); February, May, August.

PROFESSIONAL ACTIVITIES: *Research:* Physical properties; two-phase flow; economic survey of chemical engineers; readership surveys. *Educational:* One-to-four-day short courses in (1) Advanced Seminars; (2) Today Series; (3) Management Seminars; (4) Workshop Series. *Prizes and Awards:* William H. Walker Award, annual, \$1,000, contributions to chemical engineering literature; Allan P. Colburn Award, annual, \$1,000, contributions on the part of younger members; Founders Award, annual, outstanding contributions in field of chemical engineering; Student Contest Problem Awards; Food and Bioengineering Division Award; Nuclear Engineering Division Award; Petroleum and Petrochemical Division Award.

PUBLICATIONS: *Chemical Engineering Progress*, monthly, current volume: 67, \$25 (nonmembers). Editor: F. L. Resen. *AIChE Journal*, bi-monthly, current volume: 17, \$8 (members), \$35 (nonmembers). Editor: R. C. Reid. *International Chemical Engineering*, quarterly, current volume: 11, \$125. Editor: Waldo Hoffman. *Symposium Series*, 8 issues per year, current volume: 67, \$15 per issue. Editor: Sylvia Fourdrinier. *Student Members Bulletin*, biannual, current volume: 11, free to students, \$1 (others). Editor: D. M. Himmelblau.

112 THE AMERICAN INSTITUTE OF CHEMISTS, INC. 79

Madison Avenue, New York, N.Y. 10016, (212) 686-1421. President: Emerson Venable. Term expires May 1971. President-Elect: David W. Young. Secretary: Erna L. Gramse. Term expires May 1972. Treasurer: Robert S. Miner, Jr. Term expires May 1972. Executive Secretary: Paul B. Slawter, Jr.

HISTORY AND ORGANIZATION: Founded in New York City in 1923. Incorporated 1926 in New York State. *Geographic Divisions:* Thirty-one. *Relationship with Other Societies:* Member of Scientific Manpower Commission; sponsor of National Registry of Clinical Chemists; represented on American Association for the Advancement of Science Council.

PURPOSE: To (1) advance the chemical professions in the United States; (2) promote the professional, social and economic interests of its members; (3) protect the public welfare by establishing and enforcing high professional standards of practice for the chemical professions.

MEMBERSHIP: Member (294), graduates of accredited institutions who have scientific or engineering accomplishments and responsible positions in the chemical professions; Fellow (6,731), full maturity in the professions as evidenced by outstanding accomplishments or positions of responsibility;

Associate (149), graduates of accredited institutions in chemical sciences or engineering; Honorary (67), unusual distinction; Life (88); Supporting Life (4), retired members who have paid commutation of dues; Emeritus Fellow (338), retired members.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Career information in chemistry and chemical engineering. *Prizes and Awards:* Gold Medal Award, outstanding service to chemistry or chemical engineering; Chemical Pioneer Awards, annual, to chemical pioneers who have shaped industry; Freedman Foundation Patent Award, to a patent attorney, patent agent, member of the U.S. Patent Office or inventor who has made a meritorious contribution to the art of chemical patenting and is a citizen of the U.S.

PUBLICATIONS: *The Chemist*, monthly, current volume: 47, \$5. Editor: Paul B. Sawtrey, Jr.

AMERICAN INSTITUTE OF DENTAL TEACHERS. See AMERICAN ASSOCIATION OF DENTAL SCHOOLS.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS. See THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

113 AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: R. W. Newsom. Term expires May 1972. President-Elect: R. W. Lockwood. Executive Director: J. F. Jericho.

HISTORY AND ORGANIZATION: Founded and chartered in Columbus, Ohio in September 1948. Incorporated 1948 in Ohio. *Geographic Divisions:* Twelve regions; 190 chapters. *Specialty Divisions:* Aerospace; Government; Hospital and Health Services; Graphic Arts; Transportation; Management; Computer and Information Systems; Engineering Economy; Facilities Planning and Design; Industrial and Labor Relations; Operations Research; Production Planning and Control; Quality Control; Work Measurement and Methods; Ergonomics. *Relationship with Other Societies:* Full member of Engineers Joint Council; constituent participant in Engineers Council for Professional Development; full member of Council for Improvement of Productivity and Management.

PURPOSE: To (1) advance the general welfare of mankind through the resources and creative abilities of the industrial engineering profession; (2) advance the art and science of industrial engineering; (3) encourage and assist education and research in industrial engineering; (4) promote the unrestricted dissemination of knowledge and information in industrial engineering; (5) assist colleges and universities in the development and improvement of educational programs in industrial engineering.

MEMBERSHIP: Senior (11,000), registered professional industrial engineer, or Associate member with five years engineering experience; Associate (6,000), graduate of accredited engineering curriculum; Affiliate (2,000).

MEMBERSHIP SERVICES: Programmed learning; technical books at discount.

MEETINGS: Annual (May); Regional (Fall); Divisional (November to April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Frank and Lillian Gilbreth Industrial Engineering Award, annual, highest award of the Institute; Honorary Member; Fellow; Emeritus Member; Distinguished Service; Distinguished Research;

Founders Award; Achievement in Management Award; Armstrong Award; United Airlines Research Award; W.G. Stanton Chapter Award.

PUBLICATIONS: *Industrial Engineering*, monthly, current volume: 3, \$20. Editor: J. F. Wolbrink. *AIEE Transactions: IE Research and Development*, quarterly, current volume: 3, \$30. Editor: J. F. Wolbrink.

AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS, INC. See AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS, INC.

AMERICAN INSTITUTE OF MINING ENGINEERS. See AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS, INC.

114 AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: John S. Bell. Term expires 1973. President-Elect: Dennis L. McElroy. Treasurer: Gerald Sherrod. Executive Director: Joe B. Alford. Director of Administration: Claude L. Crowley.

HISTORY AND ORGANIZATION: Founded in 1871 in Wilkes-Barre, Pennsylvania as the American Institute of Mining Engineers. Incorporated in 1905. Name changed in 1919 to American Institute of Mining and Metallurgical Engineers, Inc. In 1956 the name American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) was adopted and the institute was reorganized into three constituent societies: Society of Mining Engineers of AIME; Metallurgical Society of AIME; Society of Petroleum Engineers of AIME. *Geographic Divisions:* One hundred and twenty-one local sections; ninety-seven student chapters. *Scientific and Technical Committees:* Engineering Management; Environmental Quality; Hydrocarbons; Rapid Excavation; Rock Mechanics; Waste Disposal; ad hoc committees on Continuing Education, Offshore Technology and Study of Stature of Engineers in Mineral Industry. *Relationship with Other Societies:* Engineering Societies Library; Engineers' Council for Professional Development; Engineers Joint Council.

PURPOSE: To (1) promote the arts and sciences connected with the economic production of the useful minerals and metals; (2) hold meetings for the reading and discussion of professional papers and circulate by means of publications among its members the information thus obtained.

MEMBERSHIP: Member (28,948), at least 27 years of age, six years of employment in engineering or application of the sciences to any branch of the mineral industry, three years' responsible charge of engineering or technical work; Associate (7,342), engaged in work relating to mining, metallurgical or petroleum engineering, professional stature in other than engineering or science of the minerals, metals or petroleum industry, college degree plus four years in a responsible position or six years in a responsible position without a college degree; Junior (6,784), under 30 years of age, qualified to hold a subordinate engineering position, college degree in any of the branches of engineering or basic or applied sciences; Student (3,863), student in good standing at an approved degree-granting school.

MEETINGS: Annual (February).

PROFESSIONAL ACTIVITIES: *Educational:* Student scholarships and loans; continuing educational programs; career guidance; video tape instructions. *Prizes and Awards:* James

Douglas Gold Medal, achievement in nonferrous metallurgy; Charles F. Rand Memorial Award, distinguished achievement in mining administration; Anthony F. Lucas Gold Medal, distinguished achievements in improving techniques and practice of finding and producing petroleum; Erskin Ramsay Medal, distinguished achievement in coal mining; Robert H. Richards Award, achievement which furthers the art of mineral beneficiation in any of its branches; Benjamin F. Fairless Award, distinguished achievement in iron and steel production and metallurgy; Hal Williams Hardinge Award, outstanding achievement in the field of industrial minerals; Engineering Achievement Award, significant contributions which tend to advance the nation's standard of living or replenish its natural resource base. Rossiter W. Raymond Award, \$250, best paper published by AIME by a member under 33 years of age; Mineral Industry Education Award, distinguished contributions to the advancement of mineral education; Mineral Economics Award, distinguished contributions to the advancement of minerals economics; Rock Mechanics Award, outstanding contributions to the science of rock mechanics; Daniel C. Jackling Award and Lecturer, significant contributions to technical progress in mining, geology and geophysics; Robert Peele Award, the best mining transactions paper published within a designated period on a mining, geologic or geophysical subject; Howard N. Eavenson Award, outstanding achievement which has benefited the coal industry through research, invention, publication or advancement in mining or development methods; Robert W. Hunt Silver Medal, the best original paper or papers on iron and steel; J. E. Johnson, Jr. Award, \$100, to encourage young men working in the creative areas of pig iron manufacturing; Champion H. Mathewson Gold Medal, to an author or authors of a paper, or a series of closely related papers with at least one common author, considered the most notable contribution to metallurgical science during the period under review; Robert Lansing Hardy Gold Medal, to a metallurgist under 30 years of age showing outstanding promise for a successful career; Extractive Metallurgy Division Technology Award, the best paper contributing to the advancement of the technology of extractive metallurgy and related science; Institute of Metals Division Lecturer, to a distinguished metallurgist; Extractive Metallurgy Division Science Award, best paper contributing to the scientific understanding of extractive metallurgy and related sciences; Howe Memorial Lecturer, outstanding contributions to the science and practice of iron and steel metallurgy or metallography; Extractive Metallurgy Division Lecturer, to an outstanding man in the field of nonferrous extractive metallurgy; Society of Petroleum Engineers Certificate of Service; Cedric K. Ferguson Medal, annual, outstanding paper on any phase of petroleum engineering by an AIME member under 33 years of age; John Franklin Carl Award, technical or non-technical achievements that further the profession of petroleum engineering or the application of engineering principles to petroleum development and recovery; DeGolyer Distinguished Service Medal, distinguished and outstanding service to AIME, the Society, the professions of engineering and geology, and the petroleum industry; Lester C. Uren Award, distinguished achievement in the technology of petroleum engineering by a person under 45 years of age.

PUBLICATIONS: *Mining Engineering*, monthly, current volume: 23, \$10 (North, South and Central America), \$12 (foreign). Editor: A. Blake Caldwell. *Journal of Metals*, monthly, current volume: 23, \$24. Editor: Otto Johnson. *Journal of Petroleum Engineering*. Editor: Dan K. Adamson.

115 THE AMERICAN INSTITUTE OF NUTRITION. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-3200. President: A. E. Harper. Term expires April 1971. President-Elect: H. G. Day. Secretary: D. H. Calloway. Term expires April 1972. Treasurer: Hartley W. Howard. Term expires April 1971. Executive Secretary: James Waddell.

HISTORY AND ORGANIZATION: Established with a provisional charter on September 27, 1928 and as an educational institution with a permanent charter on November 16, 1934. Chartered in the State of New York. The first annual meeting was held in March 1934. *Scientific and Technical Committees:* Experimental Animal Nutrition; Nomenclature; Editorial Board, *Journal of Nutrition*; Editorial Board, *American Journal of Clinical Nutrition*; Program; Public and Professional Information. *Relationship with Other Societies:* Constituent society of the Federation of American Societies for Experimental Biology. The American Society for Clinical Nutrition, Inc. is a division of the American Institute of Nutrition.

PURPOSE: To (1) extend the knowledge of nutrition; (2) facilitate personal contact between investigators in nutrition and closely allied fields of interest.

MEMBERSHIP: Individual (1,345), conducted and published meritorious original investigations in some phase of nutrition, presently professionally active in the field of nutrition; Fellow (46), member 65 years of age with a distinguished career in nutrition, limited to three per year.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Osborne and Mendel Award of The Nutrition Foundation, annual, \$1,000, scroll, outstanding basic research in nutrition; Borden Award in Nutrition, annual, \$1,000, gold medal, distinctive research emphasizing nutritional significance of any food; Mead Johnson Award, annual, \$1,000, scroll, outstanding research in nutrition; Conrad A. Elvehjem Award of the WARF Foundation, annual, \$1,000, scroll, distinguished service to the public through nutrition.

PUBLICATIONS: *Journal of Nutrition*, monthly, current volume: 101, \$30. Editor: F. W. Hill. *American Journal of Clinical Nutrition*, monthly, current volume: 24, \$25. Editor: M. E. Rubini. *AJN Nutrition Notes*, quarterly, current volume: 7, free to members, \$2 (nonmembers). Editor: L. L. Hopkins, Jr.

116 AMERICAN INSTITUTE OF PHYSICS, INC. 335 East 45th Street, New York, N.Y. 10017. (212) 685-1940. Chairman of the Governing Board: Ralph A. Sawyer. Term expires March 1971. Director: II. William Koch. Term indefinite. Secretary: Wallace Waterfall. Term expires March 1971. Treasurer: G. F. Gilbert. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1931. Incorporated 1932 in New York State. *Scientific and Technical Committees:* Publications; Information; Physics History; Education and Manpower. *Relationship with Other Societies:* The Institute is a federation of the American Physical Society, Optical Society of America, Acoustical Society of America, Society of Rheology, American Association of Physics Teachers, American Crystallographic Association and the American Astronomical Society.

PURPOSE: To advance and diffuse knowledge of the science of physics and its applications to human welfare.

MEMBERSHIP: Member Society (7), organization having at least 400 members devoted to advancement of the purposes of the Institute and having a national field of operation; Associate Member Society, organization having at least 400 members

and a national field of operation with interest closely related to the science of physics; Affiliated Society (18), local, regional or national organization interested in physics; Corporate Associate (107), any corporation, institution or individual interested in physics; Society of Physics Students (5,540), any college student interested in physics.

MEMBERSHIP SERVICES: Public relations; placement services; legal counsel; accounting services; manpower statistics; information services.

MEETINGS: Annual.

PROFESSIONAL ACTIVITIES: *Research:* Physics manpower studies. *Educational:* Education programs. *Prizes and Awards:* Karl Taylor Compton Award, \$1,000 and gold medal, occasional conferment for outstanding statesmanship in science; John T. Tate International Medal, \$1,000 and gold medal, occasional conferment for distinguished service to physics on international level; Dannie N. Heineman Prize for Mathematical Physics, \$2,500, to recognize outstanding publication in the field of mathematical physics, awarded jointly with the American Physical Society.

PUBLICATIONS: *Review of Scientific Instruments*, monthly, current volume: 42, \$22. Editor: J. B. Horner Kuper. *Journal of Chemical Physics*, semimonthly, current volume: 54, \$105. Editor: J. W. Stout. *Journal of Applied Physics*, monthly, current volume: 42, \$52. Editor: Gilbert J. Perlow. *Applied Physics Letters*, semimonthly, current volume: 18, \$25. Editor: Gilbert J. Perlow. *Physics of Fluids*, monthly, current volume: 14, \$45. Editor: Francois N. Frenkel. *Journal of Mathematical Physics*, monthly, current volume: 12, \$45. Editor: Morton Hamermesh. *Physics Today*, monthly, current volume: 24, \$7. Editor: Harold L. Davis.

117 AMERICAN INSTITUTE OF PLANT ENGINEERS. 1021 Delta Avenue, Cincinnati, Ohio 45208. (513) 321-9412. President: Henry J. Stehling. Term expires May 1972. Secretary: J. Frank Holladay. Term expires May 1972. Treasurer: Dale P. Brautigam. Term expires May 1972. Executive Director: Walter A. Schaw.

HISTORY AND ORGANIZATION: Originated in 1915 in Boston as the Plant Engineers Society. Members of several similar groups met informally in Philadelphia in 1952. In 1953 an organized regional meeting was held in Chicago. In 1954 the American Institute of Plant Engineers (AIPE) was incorporated as a nonprofit organization in Illinois. *Geographic Divisions:* Eight regions; 116 chapters. *Scientific and Technical Committees:* Film Library; International Conference and Show; Industrial Pollution Control; International Relations; Management Development; Industrial Safety; Industrial Training; Pollution Control Library; Procedures; Professional Relations; Research; Standards; Technical Review; University Liaison and Student Aid. *Relationship with Other Societies:* Full member of Engineers Joint Council.

PURPOSE: To (1) advance the science of engineering and further the professional interests of plant engineers; (2) encourage unified organization activity on local and regional basis by establishing a certain point of reference for its members; (3) foster the development of this specialized branch of engineering in the Western Hemisphere and territorial possessions of the United States; (4) cooperate throughout the world with comparable organizations having similar objectives.

MEMBERSHIP: Member (4,500), B.S. in any field of engineering or an equivalent degree from recognized university, college or technical school, or licensed to practice professional engineering with six years' experience in engineering, or other

comparable categories; Student (35), undergraduate in university, college or technical school, or employed as apprentice or junior engineer; Fellow (23), voted by the Executive Committee as honorary life members; Organization (45), interested in improving profession, not eligible for affiliation as a chapter.

MEETINGS: Annual (Spring); quarterly.

PROFESSIONAL ACTIVITIES: *Educational:* Conferences on Plant Engineering and Maintenance, Industrial Training, Industrial Pollution Control; maintenance of John Crerar Pollution Control Library at the Illinois Institute of Technology. *Prizes and Awards:* Fellow Award, annual, to outstanding members (honorary life membership); Plant Engineer of the Year, annual, to member who made the most significant contribution to his company, the plant engineering profession and his community; Mr. Pollution Control Award, annual, outstanding individual achievement in the pollution control field; AIPE Paper of Distinction, annual, significant papers at an AIPE Conference or Seminar or a published article; Chapter Activity Awards.

PUBLICATIONS: *AIPE Newsletter*, monthly, \$5 (nonmembers). Editor: Walter A. Schaw. *American Institute of Plant Engineers Membership Directory*, annual, \$125 (nonmembers). Editor: Walter A. Schaw. *Plant Engineer's Guide to the Literature on Air and Water Pollution*, \$4 (nonmembers). Editor: C. Fred Gurnham. *AIPE Conference Proceedings*, \$5-\$10.

118 AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS. 345 South Union Boulevard, Denver, Colo. 80228. (303) 986-3232. President: Robert R. Berg. Term expires December 1971. Secretary-Treasurer: John B. Ivey. Term expires December 1971. Executive Director: Arthur F. Brunton.

HISTORY AND ORGANIZATION: Founded on November 15, 1963 as the American Institute of Professional Geologists. Incorporated 1964 in Colorado. *Geographic Divisions:* Twenty-seven state sections. *Scientific and Technical Committees:* Ethics; Regulation and Legislation; Professional and Scientific Standards; Employment Standards; Man's Geologic Environment; Public Relations; Interprofessional Relations. *Relationship with Other Societies:* Member of American Geological Institute.

PURPOSE: To (1) take action necessary to strengthen the profession of geology; (2) establish and continuously evaluate the professional qualifications of geologists; (3) enhance and preserve the standing of the geological profession in the public community; (4) establish standards to ensure the protection of the public welfare and of the profession from nonprofessional practices of geology.

MEMBERSHIP: Member (2,100), certified professional geologist with degree in geology, 12 years professional experience and sponsored by five geologists.

MEMBERSHIP SERVICES: Certification, reviews of adverse legislation; reviews of employment practices and standards.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Ben H. Parker Memorial Medal, outstanding service to the profession.

PUBLICATIONS: *Professional Geologist*, ten issues per year, current volume: 8. Editor: Robert E. Hershey.

119 THE AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY. School of Pharmacy, University of Wisconsin, Madison, Wis. 53706. (608) 262-4939. President: Donald T. Meredith. Term expires 1973. President-Elect: Edward J. Rowe. Secretary: Gloria N. Francke. Treasurer: Lawrence F.

Madland, Director: Glenn Sonnedeker.

HISTORY AND ORGANIZATION: Founded January 22, 1941. *Scientific and Technical Committees:* Exhibits and Pictorial History; Historical Marker Program; Historical Activities; Program; Contributed Papers.

PURPOSE: To (1) act as an American center for research and information on historical and social aspects of pharmacy; (2) assist the professional development of all branches of pharmacy on the basis of historical knowledge and interpretation; (3) foster investigations, publications, study and interest in the history of pharmacy; (4) collect historical records of pharmacy, making them available publicly and permanently; (5) provide such other historical services to its members and the profession of pharmacy that appear to the Council proper and in the best interests of pharmacy.

MEMBERSHIP: Active (931), any person, group, firm, organization, etc. interested in the purposes of the Institute; Supporting (27), any person, group or firm offering special support to the objectives of the Institute; Honorary (5), significant contributions to pharmacy and its service to society, or to historical endeavors in pharmacy or allied fields.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Edward Kremers Award, distinguished historical writing by a living American; Urdang Medal, original and scholarly publication or series of publications pertaining primarily to historical or historical-social aspects of pharmacy, appearing anywhere in the world; Certificate of Commendation, outstanding work in any branch of pharmaco-historical activities, especially in local history or in activity having mainly local or regional scope; Student Gift Membership, student achievement in individual schools of pharmacy.

PUBLICATIONS: *Pharmacy in History*, quarterly, current volume: 13, \$10. Editor: George A. Bender.

AMERICAN IRON AND STEEL ASSOCIATION. See AMERICAN IRON AND STEEL INSTITUTE.

120 AMERICAN IRON AND STEEL INSTITUTE. 150 East 42nd Street, New York, N.Y. 10017. (212) 697-5900. Chairman: George A. Stinson. President: John P. Roche. Term indefinite. Vice President, Secretary-Treasurer: Emil O. Sommer, Jr. Term indefinite.

HISTORY AND ORGANIZATION: The American Iron Association founded in 1855 was absorbed by the American Iron and Steel Association in 1864. In 1912 the latter was absorbed by the American Iron and Steel Institute (AISI). Incorporated March 31, 1908 in New York. *Scientific and Technical Committees:* Communications and National Affairs; General Research; Manufacturing Problems; Industrial Relations; Promotion; Statistics; Traffic.

PURPOSE: To (1) promote the interest of the iron and steel industry; (2) collect statistics; (3) engage in investigation and research; (4) provide a forum for the exchange of information; (5) engage in such activities as may be necessary and/or proper to promote the use of iron and steel.

MEMBERSHIP: Company (79), companies, corporations or partnerships in Western Hemisphere engaged directly in the production and sale of products of the iron and steel industry; Active (2,020), individuals associated with company members; Associate (347), individuals who are suppliers of raw material and equipment, consumers, distributors, technical and research experts; Honorary (25); Emeritus (244), 25 years as Active members and retired from business.

MEMBERSHIP SERVICES: Compilation and dissemination of statistics; distribution of information; promotion of the use of steel; public affairs; discussion of problems in the field of industrial relations including health, hygiene and safety.

MEETINGS: Annual (May); Regional Technical (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Projects pertaining to production and fabrication of iron and steel, including work on welding, slag, refractories, protective coatings, pressure vessels, light gage structural steel, plastic flow of steel, raw materials, air and water quality control, corrosion, physical chemistry of steelmaking. *Educational:* Community Resources Workshop; Clergy Economic Education Foundation; Steel Industry Economic Seminars; AISI Fellowships for academic research. *Prizes and Awards:* American Iron and Steel Institute Medal, annual, to authors of papers before general meeting; Gary Memorial Medal, outstanding achievement in iron and steel industry; Fairless Memorial Medal, distinguished service in preserving economic freedom and strengthening individual enterprise; Regional Technical Meeting Award, outstanding paper at regional technical meetings.

PUBLICATIONS: *Annual Statistical Report*, annual, current volume: 1969, \$5. Editor: K. C. Allen. *Directory of Iron and Steel Works of U.S. and Canada*, triennial, current volume: 32, \$10. Editor: K. C. Allen. *Steel Facts*, five issues per year, free single copies. Editor: J. J. Hughes. *Yearbook*, annual, \$3.50.

AMERICAN IRON ASSOCIATION. See AMERICAN IRON AND STEEL INSTITUTE.

121 THE AMERICAN LARYNGOLOGICAL, RHINOLOGICAL AND OTOLOGICAL SOCIETY, INC. 108 Lankenau Medical Building, Philadelphia, Pa. 19151. (215) M12-0136. President: Victor Goodhill. Term expires May 1971. President-Elect: Victor R. Alfaro. Secretary: Louis E. Silcox.

HISTORY: Organized June 19, 1895. Incorporated December 5, 1917.

PURPOSE: To promote, develop and disseminate scientific research and clinical study of problems relating to laryngology, rhinology and otology.

MEMBERSHIP: Active Fellow (603), certificate of qualification from the American Board of Otolaryngology or an equivalent examining body approved by the Council, proposed by two Fellows in good standing and preferably residing in the candidate's vicinity.

MEETINGS: Annual.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Mosher Memorial Award; Fowler Memorial Award.

PUBLICATIONS: *Transactions*, annual. Editor: Joseph H. Ogura.

122 THE AMERICAN LEATHER CHEMISTS ASSOCIATION. c/o Campus Station, Cincinnati, Ohio 45221. (513) 475-2643. President: Malcolm H. Battles. Term expires June 1972. President-Elect: Joseph Naghschi. Secretary-Treasurer: William T. Roddy. Term permanent.

HISTORY AND ORGANIZATION: Founded in 1903 as the American Leather Chemists Association (ALCA). First annual meeting in St. Louis, Missouri on September 26-27, 1904. Incorporated 1937 in New Jersey. *Scientific and Technical Committees:* ALCA-American Society for Testing and Materials Joint Committee on Leather; Hide Powder; Pan-American Standards; Research Liaison; Tannery Effluents; Specification Review; Sulfide; Rawstock. *Relationship with Other Societies:* Member of International Union of Leather Chemists Societies.

PURPOSE: To (1) devise and perfect methods for the analysis

and testing of leathers and all materials used in connection with their manufacture; (2) promote the advancement of chemistry, other sciences, and engineering in their application to the leather industry; (3) publish the results of investigations and researches dealing with the above.

MEMBERSHIP: Active (566), six years of experience (two years academic training, two years professional, additional two years of either); Associate (271), interested in the purposes of the Association; Student, full-time student majoring in leather, tanning chemistry or technology.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Alsop Award, annual, for outstanding work published; John Arthur Wilson Memorial Lecture, given by recognized outstanding authority.

PUBLICATIONS: *Journal of the American Leather Chemists Association*, monthly, current volume: 66, \$24. Editor: Joseph Hemon.

123 AMERICAN LIBRARY ASSOCIATION. 50 East Huron Street, Chicago, Ill. 60611. (312) 944-6780. President: Lillian M. Bradshaw. Term expires June 1971. President-Elect: Keith M. Doms. Treasurer: Robert R. McClarren. Term expires 1971. Executive Director: David H. Clift.

HISTORY AND ORGANIZATION: Founded in 1876 as the American Library Association (ALA). *Geographic Divisions:* Fifty-four chapters. *Specialty Divisions:* Adult Services; School Librarians; State Libraries; Library Trustees; College and Research Libraries; Children's Services; Hospital and Institution Libraries; Information Science and Automation; Library Administration; Library Education; Public Library; Reference Services; Resources and Technical Services; Young Adult Services. *Relationship with Other Societies:* Affiliated with the American Association of Law Libraries, American Marine Library Association, American Society for Information Science, American Theological Library Association, Association of Research Libraries, Canadian Library Association, Catholic Library Association, Medical Library Association, Music Library Association, Society of Librarians of Puerto Rico and the Theater Library Association.

PURPOSE: To (1) promote library service of excellent quality, freely available to all by supporting improvement of the services of state, public, school and academic libraries, and special libraries serving the government, the armed services, commerce and industry, hospitals and other institutions; (2) coordinate all library resources for research; (3) establish library services for special groups such as the aged, disadvantaged, youth and others; (4) promote effective use of libraries in the education of adults, young people and children; (5) improve professional library standards through better professional education, working conditions, salaries and certification; (6) stimulate production and distribution of books and other library materials to meet the needs of the people; (7) promote freedom of the individual to have access to any books and other materials he chooses to use without fear of censorship.

MEMBERSHIP: Personal (27,038), includes Librarian, Student, Trustee, Honorary, Life, Continuing, Inactive and Retired membership categories; Chapter (54); Organization (5,503); Special (233).

MEMBERSHIP SERVICES: Advisory and consultant services; field trips.

MEETINGS: Annual (June); Midwinter (January).

PROFESSIONAL ACTIVITIES: *Research:* An interdivisional committee is being appointed to monitor, review and recommend action on draft standards for bibliographical repre-

sentation in machine-readable form of book and nonbook library materials. The American Standards Institute approved the proposed American National Standard Format for Bibliographic Information Interchange on Magnetic Tape, known as MARC II, as a U.S. standard and supported by the Information Science and Automation Division (ISAD). ISAD and International Business Machines (IBM) have developed a MARC II format compatible print chain for IBM computer driven impact printers. ISAD is also collaborating with the American Society for Information Science-Special Interest Group on Library Automation and the Educational Research Information Center/Clearinghouse on Library and Information Science on a library computer program inventory. The Library Technology Program is involved with designing and conducting research programs, improving and developing library equipment, and developing performance standards for library equipment and supplies. *Educational:* Scholarships for study and research. *Prizes and Awards:* J. Morris Jones-World Book Encyclopedia-ALA Goals Award, annual, \$25,000, made by the Field Enterprises Educational Corporation, Inc. to encourage and advance the development of public and/or school library service and librarianship through recognition and support of programs which implement the Goals for Action adopted by the Council of the ALA; Library Buildings Award, established by the American Institute of Architects, ALA, and the National Book Committee, biennial in the odd-numbered years, to encourage excellence in the architectural design and planning of libraries; Hammond Incorporated Library Award, annual, to a librarian who has effectively encouraged the use of maps and atlases or promoted an interest in cartography.

PUBLICATIONS: *American Libraries*, 11 issues per year, free to members. Editor: Gerald Shields. *The Booklist*, 23 issues per year, current volume: 67, \$12. Editor: Edna Vaneck. *Choice*, 11 issues per year, \$20. Editor: Peter Doiron. *Journal of Library Automation*, quarterly. Editor: Frederick Kilgour. *JOLA Technical Communications*, monthly, \$15. Editor: John P. McGowan. *Library Technology Reports and Portfolio Series*, Reports, six issues per year, \$100. Portfolio Series, single subject issues, \$35 each. Editor: Robert Shaw. *Library Resources and Technical Services*, quarterly, \$8. Editor: Paul S. Dunkin. *Reference Quarterly*, quarterly, \$10. Editor: Bill Katz. *College and Research Libraries*, 11 news issues per year, 6 journal issues per year, \$10 (nonmembers). Editor: Richard M. Dougherty.

124 AMERICAN LITTORAL SOCIETY. Highlands, N.J. 07732. (201) 872-0200. President: Nixon Crittis. Term indefinite. Treasurer: Elias Baltin. Executive Secretary: Virginia Steiner.

HISTORY: Founded in 1961 at Sandy Hook Marine Laboratory. Incorporated 1962 in New Jersey.

PURPOSE: To study and conserve the coastal zone habitat.

MEMBERSHIP: Regular (2,000); Student (500).

MEMBERSHIP SERVICES: Fish-tagging program, including recordkeeping; conservation action guidance; information exchange.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Fish migration; estuarine ecology. *Educational:* Seminars; field trips. *Prizes and Awards:* Dugan Award, annual, service to marine science.

PUBLICATIONS: *Underwater Naturalist*, quarterly, current volume: 8, \$7.50. Editor: Virginia Steiner.

125 AMERICAN MATHEMATICAL SOCIETY. 321 South Main Street, Providence, R.I. 02904. (401) 272-9500. President: Nathan Jacobson. Term expires December 1972. Sec-

retary: Everett Pitcher. Term expires December 1971. Treasurer: W. T. Martin. Term expires December 1972. Executive Director: Gordon L. Walker.

HISTORY AND ORGANIZATION: Originated November 24, 1888 in New York City as the New York Mathematical Society. Present name adopted in 1894. Incorporated 1923 in Washington, D.C. *Scientific and Technical Committees:* Publications; Printing and Publishing; Monitoring of Problems in Communication; Summer Institutes.

PURPOSE: To promote research and scholarship in mathematics. **MEMBERSHIP:** Individual (14,944), endorsed by two members: Contributing (225); Reciprocity (1,187), member of foreign societies residing in foreign country; Family (161), husband and wife at a reduced rate; Emeritus (284), retired, 20 years in Society.

MEMBERSHIP SERVICES: Employment register; mathematical offprint service.

MEETINGS: Annual (January); Summer (August).

PROFESSIONAL ACTIVITIES: Research: Photocomposition of mathematical text; compilation of reviews in algebraic and differential topology, number theory, and group theory; audio recordings of mathematical lectures; survey of assistantships and fellowships in mathematics. *Prizes and Awards:* Bocher Memorial Prize, awarded every five years for a notable research memoir in analysis which has appeared in a recognized journal published in the United States or Canada; Frank Nelson Cole Prize in Algebra and the Frank Nelson Cole Prize in the Theory of Numbers, awards are given at five-year intervals under restrictions similar to those of the Bocher Prize; Oswald Veblen Prize in Geometry, awarded every five years under restrictions similar to those of the Bocher Prize; George David Birkhoff Prize in Applied Mathematics and the Norbert Wiener Prize in Applied Mathematics, each to be awarded jointly with the Society for Industrial and Applied Mathematics for achievement in applied mathematics in the highest and broadest sense.

PUBLICATIONS: *Bulletin of the American Mathematical Society*, 6 issues per year, current volume: 77, \$12. Editor: Murray Gerstenhaber. *Mathematics of Computation*, four issues per year, current volume: 25, \$20. Editor: Eugene Isaacson. *Notices of the American Mathematical Society*, 8 issues per year, current volume: 18, \$10. Editor: Everett Pitcher. *Contents of Contemporary Mathematical Journals*, bi-weekly, current volume: 3, \$20. *Proceedings of the American Mathematical Society*, monthly, current volume: 27-28-29, \$72. Editor: W.H.J. Fuchs. *Mathematical Reviews*, 12 issues and 2 index issues per year, current volume: 41-42, \$320. Editor: Richard J. Crittenden. *Transactions of the American Mathematical Society*, 12 volumes per year, current volume: 153-158, \$156. Editor: Dana S. Scott. *New Publications*, four issues per year, current volume: 29-32, \$1. *Soviet Mathematics - Doklady*, 6 issues per year, current volume: 12, \$90. *Mathematics of the USSR - Izvestiya*, 6 issues per year, current volume: 5, \$200. *Mathematics of the USSR - Sbornik*, 12 issues per year, current volume: 13-15, \$290.

126 AMERICAN MEAT SCIENCE ASSOCIATION. 36 South Wabash Avenue, Chicago, Ill. 60603. (312) 346-6465. President: M. D. Judge. Term expires June 1971. President-Elect: Auttis M. Mullins. Secretary-Treasurer: William C. Sherman. Term permanent.

HISTORY AND ORGANIZATION: First established as the Reciprocal Meat Conference in 1948 for the purpose of organizing and holding conferences. In 1964 it became an association known as American Meat Science Association. *Scien-*

tific and Technical Committees: Research and Evaluation; Education and Extension; Research on Basic Properties - Histology, Physiology, Chemical, Statistical; Processing.

PURPOSE: To (1) provide an opportunity for exchange of ideas; (2) coordinate teaching, extension, research and development activities in meat and related subjects; (3) develop and sponsor activities to promote sound and useful research and educational techniques.

MEMBERSHIP: Professional (320), academic people and staff rank, government staff, organizations staff and industry people in meat research, education or extension work; Emeritus (7), retired professionals; Associate (75), graduate student in meats and related fields.

MEMBERSHIP SERVICES: Employment services.

MEETINGS: Reciprocal Meat Conference, annual (June); Meat Industry Research Conference (March) (cosponsor).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Meat Science Teaching Award, annual, excellence in teaching of undergraduate and graduate courses in meat science; Meat Science Extension Award, annual, outstanding achievements in meat science extension; Meat Science Research Award, annual, outstanding accomplishments in research in scientific aspects of meat product and process development; Signal Service Award, annual, contribution and leadership in education, extension and research and active participation in American Meat Science Association.

PUBLICATIONS: *Proceedings, Annual Reciprocal Meat Conference*, annual, current volume: 23, free to members, \$8 (non-members). Editor: William C. Sherman. *Proceedings, Meat Industry Research Conference*, annual, free. Editor: O. E. Kolari.

127 THE AMERICAN MEDICAL ASSOCIATION. 535 North Dearborn, Chicago, Ill. 60610. (312) 527-1500. President: Walter C. Bornemeier. Term expires June 1971. President-Elect: Wesley W. Hall. Secretary-Treasurer: C. A. Hoffman. Term expires June 1971. Executive Vice President: E. B. Howard. Term indefinite.

HISTORY AND ORGANIZATION: Established 1847 in Philadelphia, Pennsylvania. Incorporated 1897 in Illinois. *Geographic Divisions:* Fifty-four state, commonwealth, territorial and insular medical associations known as constituent societies, which in turn are composed of more than 1,900 component county or metropolitan medical societies. *Specialty Divisions:* Scientific Activities; Scientific Publications; Medical Education; Public Affairs; Medical Practice; Communication; Management Services. *Scientific and Technical Committees:* Disability Insurance Claims Review; Emergency Medical Services; Research on Tobacco and Health; Continuing Medical Education; Cutaneous Health and Cosmetics; Exercise and Physical Fitness; Health Care and the Poor; Maternal and Child Care; Medical Aspects of Automobile Safety; Medical Aspects of Sports; Medicine and Religion; Medicolegal Problems; Nursing; Quackery; Transfusion and Transplantation; Drugs; Environmental and Public Health; Foods and Nutrition; Health Manpower; Legislation; Medical Education; Education for the Allied Health Professions and Services; Graduate Medical Education; Undergraduate Medical Education; Graduate Education in Surgery; Internship Review; Liaison Committee on Specialty Boards; Residency Review Committees on Anesthesiology, Colon and Rectal Surgery, Dermatology, Family Practice, General Practice, Internal Medicine, Neurological Surgery, Obstetrics and Gynecology, Ophthalmology, Orthopedic Surgery, Otolaryngology, Pediatrics, Physical Medicine and Rehabilitation, Plastic Surgery, Preventive Medicine,

Psychiatry and Neurology, Radiology, Thoracic Surgery, Urology; Aging; Government Medical Services; Community Health Care; Health Care Financing; Private Practice; Mental Health; Alcoholism and Drug Dependence; National Security; Occupational Toxicology; Rural Health; Scientific Assembly; Voluntary Health Agencies; Continuing Professional Education Programs; Interspecialty; Accreditation of Hospitals; Health Problems in Education of the National Education Association and the American Medical Association; Judicial Council; Liaison Committee to American Bar Association; Physicians Advisory Committee on TV, Radio and Motion Pictures; Mental Health in Industry; Scientific Section Officers for Allergy, Anesthesiology, Clinical Pharmacology and Therapeutics, Colon and Rectal Surgery, Dermatology, Diseases of the Chest, Family and General Practice, Gastroenterology, General Surgery, Internal Medicine, Military Medicine, Obstetrics and Gynecology, Ophthalmology, Orthopedic Surgery, Otorhinolaryngology, Pathology, Pediatrics, Physical Medicine and Rehabilitation, Preventive Medicine, Psychiatry and Neurology, Radiology and Urology.

PURPOSE: To promote the science and art of medicine and the betterment of public health.

MEMBERSHIP: Regular, members of a state association who hold the degree of Doctor of Medicine or Bachelor of Medicine, or who hold an unrestricted license to practice medicine and are entitled to exercise the rights of membership in their state associations; Service, regular commissioned medical officers and commissioned medical officers of the reserve components on extended active duty (more than two years) with the U.S. Air Force, Army, Navy or Public Health Service, permanent medical officers of the Veterans Administration, and retired physicians not engaged in any gainful employment; Associate, physician members of state associations who are ineligible for Regular membership in the Association, or members of the Armed Forces on temporary duty (two years or less); Affiliate, (a) physicians who are members of national medical societies of foreign countries, (b) American physicians located in foreign countries or possessions of the U.S. and engaged in medical missionary, educational or philanthropic labors, (c) dentists who hold the degree of D.D.S. or D.M.D. and who are members of the American Dental Association and their state and local dental societies, (d) pharmacists who are active members of the American Pharmaceutical Association, (e) teachers of medicine or of the sciences allied to medicine who are U.S. citizens and ineligible to membership through state associations, (f) scientists in sciences allied to medicine and others who have attained distinction in their fields of endeavor, who are not otherwise eligible to membership through state associations; Honorary, physicians of foreign countries who have risen to pre-eminence in the profession of medicine and who attend a convention of the Association. Total membership 220,091.

MEMBERSHIP SERVICES: Questions and answers on medical subjects; library reference service; placement service; film library; speakers workshop; international health program; department of investigation.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: Research: Distribution of physicians; physicians professional activities; special statistical study; periodic survey of physicians; record of group practice; medical service areas; joint research project with the University of Southern California and the National Center. *Prizes and Awards:* The following awards are made annually: Distinguished Service Award, Citation of a Layman; Scientific Achievement Award; Joseph B. Goldberger Award in Clinical Nutrition, \$1,000; George R. Minot Lecture, \$100; Billings Lecture, \$100; Lucien Howe Prize Medal in Ophthalmology; Knapp Medal Award, Section on Ophthalmology; Abraham Jacobi Award in Pediatrics, \$1,000; John H. Morrissey Award, Section on Urology. Scientific Exhibit Awards include the Billings Medal, the Hektoen Medal and the Hull Award. Annual Medical Journalism Awards of \$1,000 each are made in competition in newspapers, magazines, editorials, radio and television.

PUBLICATIONS: *Journal of the American Medical Association*, weekly, \$23. Editor: Hugh H. Hussey. *Today's Health*, monthly, \$5. Editor: Bard Lindeman. *American Medical News*, weekly, \$5. Editor: Marvin Rowlands. *American Journal of Diseases of Children*, monthly, \$12. *Archives of Dermatology*, monthly, \$12. *Archives of Environmental Health*, monthly, \$12. *Archives of General Psychiatry*, monthly, \$12. *Archives of Internal Medicine*, monthly, \$12. *Archives of Neurology*, monthly, \$12. *Archives of Ophthalmology*, monthly, \$12. *Archives of Otolaryngology*, monthly, \$12. *Archives of Pathology*, monthly, \$12. *Archives of Surgery*, monthly, \$12.

128 AMERICAN MEDICAL RECORD ASSOCIATION. 875 North Michigan Avenue Suite 1850, Chicago, Ill. 60611. (312) 787-2672. President and Director, Medical Information Services: F. Faye Brown. Term expires October 1971, Director until 1972. President-Elect: Lorraine G. Gay. Executive Director and Secretary-Treasurer: Mary-J Waterstraat.

HISTORY AND ORGANIZATION: Founded 1928 in Boston as the Association of Record Librarians of North America. Name changed to American Association of Medical Record Librarians in 1935. Incorporated February 1953 in Illinois. Name changed to American Medical Record Association in 1969. *Geographic Divisions:* Fifty. *Specialty Divisions:* University Hospitals; Mental Health Care; Veterans Administration Hospitals; School Administrators; Consultants. *Scientific and Technical Committees:* Education and Registration; Planning and Bylaws; Program; Professional Publications; Record Research and Development; Advisory Committee to Central Office on ICDA. *Relationship with Other Societies:* Full member of the International Federation of Medical Records Organizations Representatives.

PURPOSE: To promote the art and science of medical record administration.

MEMBERSHIP: Active Registered (3,562), registered medical record librarian; Active Accredited (3,065), accredited medical record technician; Associate (1,766), engaged in medical record work or graduate of an approved school for medical record personnel, not qualified as Active; Inactive (858); Student (266), enrolled in approved school for medical record personnel; Honorary (4).

MEMBERSHIP SERVICES: Professional services; library services. **MEETINGS:** Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* School program development and approval; 12 annual continuing education institutes; correspondence education; educational loan fund for students in final year of approved study. *Prizes and Awards:* Distinguished Service Award, annual; one annual scholarship for graduate education in teacher training.

PUBLICATIONS: *Medical Record News*, bimonthly, current volume: 41, \$6. Editor: Mary-J Waterstraat. *Counterpoint* bimonthly, current volume: 7, free to members. Editor: Mary-J

Waterstraat. *Education Newsletter*, quarterly, current volume: 14, free to school administrators. Editor: Laura Anne Biglow. *Directory of Consultants and Part-Time Supervisors in Medical Records*, annual, current volume: 4, free to listed Consultants and Health Agencies. Editor: Elizabeth Price.

129 AMERICAN MEDICAL SOCIETY ON ALCOHOLISM, INC. c/o R. Fox, M.D., 150 East 52nd Street, New York, N.Y. 10022. (212) PL 9-3396. President: Stanley E. Gitlow. Term expires November 1972. Secretary: Frank A. Seixas. Term expires November 1972. Treasurer: Percy E. Ryberg. Term expires November 1972.

HISTORY AND ORGANIZATION: Established in 1954 as an outgrowth of a discussion group known as the New York City Medical Society on Alcoholism. Incorporated as a nonprofit organization in New York in 1962. Extended its scope to become American Medical Society on Alcoholism in 1967. *Geographic Divisions:* Nine regions in U.S.; one region in Canada. *Scientific and Technical Committees:* Hospital; Industry; Inter-Agency Cooperation; Research and Program; Medical Education; Research; Acute Care-Homeless Men; Health Plans; Medical-Legal Affairs; Publications.

PURPOSE: To (1) serve as a meeting ground for physicians interested in the problem of alcohol and other addictive disorders, excluding narcotics; (2) extend knowledge in these fields; (3) encourage fundamental research in alcoholism; (4) promote dissemination of that knowledge; (5) enlighten and direct public opinion in regard to these problems.

MEMBERSHIP: Member (630), M.D. with special interest and experience in field of alcoholism.

MEETINGS: Quarterly.

PROFESSIONAL ACTIVITIES: *Educational:* Annual scholarship to Rutgers Summer School of Alcohol Studies.

PUBLICATIONS: *Physician's Alcohol Newsletter*, quarterly, current volume: 5. Editor: Frank A. Seixas.

130 AMERICAN MEDICAL WOMEN'S ASSOCIATION, INC. 1740 Broadway, New York, N.Y. 10019. (212) 586-8683. President: Minerva S. Buerk. Term expires December 1971. President-Elect: Frances K. Harding. Executive Director: Gertrude Conroy.

HISTORY AND ORGANIZATION: Founded November 1915 in Chicago, Illinois. Incorporated 1916 in Illinois as the Medical Women's National Association. Reincorporated February 1924 in New York State. Name changed to present title in 1937. *Geographic Divisions:* Twenty-three.

PURPOSE: To (1) further the art and science of medicine; (2) promote interests common to women physicians and the public; (3) aid and encourage premedical, medical and postgraduate medical students; (4) foster medical relief projects; (5) cooperate with other organizations having comparable interests.

MEMBERSHIP: Active, restricted to duly qualified women physicians who are U.S. citizens; Associate, women interns, residents in training, fellows or physicians in the first year of practice in the U.S.; Junior, women students in accredited medical schools in the U.S.; Life.

MEETINGS: Annual (Fall); Interim (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Medical education loan program for women students in recognized medical schools in U.S.

PUBLICATIONS: *The Woman Physician*, monthly, current volume: 26, \$10. Editor: Camille Mermoud.

131 AMERICAN MEDICAL WRITERS ASSOCIATION. 6900 Grove Road, Thorofare, N.J. 08086. President: Eric W. Martin. Executive Secretary: Charles B. Slack.

HISTORY AND ORGANIZATION: Originated September 25, 1940 at Rock Island, Illinois as the Mississippi Valley Medical Editors' Association. Reorganized and name changed to present form September 28, 1948. Incorporated September 24, 1951 in Illinois. *Geographic Divisions:* Ten. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To (1) bring into one association all North Americans who are concerned with writing, editing, publishing or other means of communication in medicine or allied sciences; (2) meet from time to time to discuss medical, scientific, educational and literary topics; (3) help maintain and advance high standards in communications concerning medicine and allied sciences; (4) foster interchange of views of the members so that they may attain such intelligent unity and harmony in every phase of their labor as will elevate and make effective the opinions of the medical and allied professions in their respective communities in relationship to the public welfare.

MEMBERSHIP: Active, physicians and others who are actively connected with the editorial or publishing staffs of medical, dental or kindred periodicals, medical librarians and health educators, personnel of hospitals, foundations, educational institutions, publishing and technical companies, and allied organizations who are concerned with writing, editing, publishing, or other means of communication in medicine or allied sciences, must be sponsored by Active member or Fellow of the Association. Total membership 1,854.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Distinguished Service Award, annual, distinguished contribution to medical literature or unusual service to the medical profession; Honor Award, annual, to nonmember for distinguished contribution to medical literature; Honor Awards for Distinguished Service in Medical Journalism, annual, to medical publications in the U.S. and Canada.

PUBLICATIONS: *American Medical Writers Association Newsletter*. Editor: Byron Scott.

AMERICAN MEDICO-PSYCHOLOGICAL ASSOCIATION. See AMERICAN PSYCHIATRIC ASSOCIATION.

132 AMERICAN METEOROLOGICAL SOCIETY. 45 Beacon Street, Boston, Mass. 02108. (617) 227-2425. President: Alfred K. Blackadar. Term expires January 1972. President-Elect: Richard J. Reed. Secretary-Treasurer: David F. Landrigan. Executive Director: Kenneth C. Spengler.

HISTORY AND ORGANIZATION: Founded December 29, 1919 in St. Louis, Missouri. Incorporated January 21, 1920 in the District of Columbia. Permanent headquarters established in Boston on April 1, 1946. Incorporated June 6, 1958 in the Commonwealth of Massachusetts. *Geographic Divisions:* Eighty-five. *Scientific and Technical Committees:* Aeronautical Meteorological Problems; Agricultural Meteorology; Air Pollution Meteorology; Atmospheric Chemistry and Radioactivity; Atmospheric Electricity; Atmospheric Measurements; Atmospheric Problems of Aerospace Vehicles; Atmospheric Turbulence and Diffusion; Biometeorology; Cloud Physics; Forecasting; Hurricanes and Tropical Meteorology; Industrial Meteorology; Interaction and the Sea and Atmosphere;

Mesosphere and Thermosphere; Meteorological Statistics; Paleoclimatology and Climatic Change; Radar Meteorology; Radiation Energy; Severe Local Storms; Water Resources; Weather Modification; Education and Manpower; Publications. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To (1) develop and disseminate knowledge of the atmospheric sciences in all its phases and applications; (2) advance its professional ideals.

MEMBERSHIP: Associate (2,295), interested in meteorology, climatology or a related discipline; Student (885), graduate or undergraduate student in residence at an institution of higher learning at least half time; Professional (5,345), having a degree from an institution of higher learning in meteorology, climatology or a related discipline and having served these sciences or their application in furtherance of the objectives of the Society; Fellow (124), outstanding contributions to the science or application of meteorology, climatology or other area of atmospheric science during a substantial period of years; Honorary (15), acknowledged pre-eminence in the atmospheric sciences through contributions to the science or its applications; Corporation (116), corporations and other organizations desirous of supporting the atmospheric sciences.

MEMBERSHIP SERVICES: Certification of consulting meteorologists; evaluation of radio/TV competence in weathercasting; statements to the general public in meteorology.

MEETINGS: Annual (January).

PROFESSIONAL ACTIVITIES: *Educational:* Educational films on the atmospheric sciences; education monographs on the atmospheric sciences; career guidance; visiting scientist program, curricula in atmospheric sciences; Howard T. Orville Scholarship in Meteorology; Howard H. Hanks, Jr. Scholarship in Meteorology. *Prizes and Awards:* Carl-Gustaf Rossby Research Medal; Second Half Century Award; Charles Franklin Brooks Award; Cleveland Abbe Award for Distinguished Service to Atmospheric Sciences by an Individual; Sverdrup Gold Medal; Meisinger Award; Award for Outstanding Service by a Weather Forecaster; Award for Applied Meteorology; Award for Outstanding Achievement in Bioclimatology; Award for Outstanding Services to Meteorology by a Corporation; Editor's Award; Special Awards and Citations; Father James B. Macelwane Annual Award in Meteorology.

PUBLICATIONS: *Bulletin of the American Meteorological Society*, monthly, current volume: 52, \$15. Editor: Kenneth C. Spengler. *Journal of Applied Meteorology*, bimonthly, current volume: 10, \$30. Editor: Glenn R. Hiest. *Journal of the Atmospheric Sciences*, eight issues per year, current volume: 28, \$40. Editors: Robert Jastrow, S.I. Rasool. *Journal of Physical Oceanography*, quarterly, current volume: 1, \$20. Editor: Robert O. Reid. *Weatherwise*, bimonthly, current volume: 23, \$7. Editor: David Ludlum.

AMERICAN METRIC ASSOCIATION. See METRIC ASSOCIATION, INC.

133 THE AMERICAN MICROCHEMICAL SOCIETY. *Address communications to:* Unni Zeek, Secretary, 170 Tabor Road, Morris Plains, N.J. 07950. (201) 285-2460. Chairman: John J. Koblicka. Term expires May 1971. Chairman-Elect: Alexander Prezioso. Secretary: Unni Zeek. Term expires May 1971. Treasurer: Ernest Ross. Term indefinite.

HISTORY AND ORGANIZATION: Organized in 1935 as New York-New Jersey Section of the Microchemical Society. In 1938 the Society became a private organization. Name

changed to Metropolitan Microchemical Society on March 25, 1938. In 1960 present name was adopted.

PURPOSE: To encourage microchemical techniques, professional good fellowship and the interchange of ideas and experiences among members.

MEMBERSHIP: Regular (250), anyone interested in the purposes of the Society; Honorary (20), outstanding contribution to the practice or teaching of microchemistry.

MEETINGS: Monthly (October through May).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsors workshops and symposia in microchemical techniques; cosponsors the annual Eastern Analytical Symposium; awards an annual scholarship of \$500 to aid studies at undergraduate and graduate levels in the area of chemistry and allied fields. *Prizes and Awards:* A. A. Benedetti-Pichler Award in Microchemistry, advancing microchemistry in its broadest meaning, which includes research, application, administration or teaching.

PUBLICATIONS: *Microchemical Journal*, quarterly, current volume: 16, \$10 (members), \$30 (nonmembers). Editor: Al Seyermark.

134 AMERICAN MICROSCOPICAL SOCIETY. *Address communications to:* David T. Clark, Secretary, Office of Graduate Dean, Portland State University, Portland, Ore. 97207. President: Clarence Goodnight. Term expires September 1971. President-Elect: Harold E. Finley. Secretary: David T. Clark. Term expires September 1973. Treasurer: T. Wayne Porter. Term expires September 1971.

HISTORY AND ORGANIZATION: Originated August 14, 1878 in Indianapolis, Indiana as the National Microscopical Congress. Name changed to the American Society of Microscopists August 17, 1878. Present name adopted August 13, 1891. Incorporated same date in the District of Columbia. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences.

PURPOSE: To (1) encourage research in microscopy and microscopic biology; (2) publish the results therefrom.

MEMBERSHIP: Member (810), includes Regular, Student, Institutional, Sustaining and Life members, upon written application to the secretary; Emeritus (15), any member at age 65; Honorary (7), for outstanding contributions to microscopical science.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Educational:* Darbaker Endowment Fund to support publication of physiological papers in the *Transactions of the American Microscopical Society*; Spencer-Tolles Fund to support publication of other papers in the *Transactions of the American Microscopical Society*.

PUBLICATIONS: *Transactions of the American Microscopical Society*, quarterly, current volume: 90, \$11. Editor: John O. Corliss.

THE AMERICAN MORPHOLOGICAL SOCIETY. See AMERICAN SOCIETY OF ZOOLOGISTS.

AMERICAN MYCOLOGICAL SOCIETY. See BOTANICAL SOCIETY OF AMERICA, INC.

135 AMERICAN NATIONAL STANDARDS INSTITUTE, INC. 1430 Broadway, New York, N.Y. 10018. (212) 868-1220. President: Roy P. Trowbridge. Manager: Dorothy Hogan.

HISTORY AND ORGANIZATION: Originated as the American Engineering Standards Committee in 1918. Ten years later expanded to become the American Standards Association.

Incorporated 1948 in New York State. In August 1966, present name adopted. *Scientific and Technical Committees*: Approximately 300 committees conduct projects in acoustics, vibration and mechanical shock, automotive field, chemical industry, civil engineering and construction, drawings, symbols and abbreviations, electrical engineering, ferrous materials and metallurgy, information processing and office equipment, materials handling, mechanical engineering, mining, nonferrous materials and metallurgy, nuclear sciences, photography and motion pictures, pulp and paper industry, rubber, textile industry and wood industry. *Relationship with Other Societies*: Representation with the International Organization for Standardization, International Electrotechnical Commission and Pan American Standards Commission.

PURPOSE: To (1) act as the national coordinating institution for voluntary standardization in the U.S. through which organizations concerned with standardization may cooperate in recognizing, establishing and improving standards of the U.S. based on a consensus of parties at interest, to the end that such standards remain dynamic, that duplication of work is minimized, that promulgation of conflicting standards may be avoided, and that individual enterprise and initiative is encouraged; (2) further the voluntary standards movement as a means of advancing the national economy, benefiting public health, safety and welfare, and facilitating domestic and international trade, communications and understanding; (3) assure that the interests of the public, including consumers, labor, industry and government, may have appropriate protection and representation in standardization activity; (4) provide the means for determining the need for new standards, assure activity by existing organizations competent to resolve the need, and work toward establishment of suitable groups for this purpose where such do not already exist, but not itself to formulate standards; (5) promote knowledge and voluntary use of approved standards; (6) stimulate the work of existing committees and organizations competent to formulate standards according to suitable criteria for recognition as standards of the U.S.; (7) cooperate with departments and agencies of Federal, state and local governments in achieving optimum compatibility between government codes and standards and the voluntary standards of industry and commerce and maximum common usage of standards of the U.S.; (8) be the representative of the U.S. to international standardization organizations concerned with civilian safety, trade and commerce, except where otherwise provided by treaty; (9) serve as a clearinghouse for information on standards and standardization work in the U.S. and foreign countries.

MEMBERSHIP: Member (148), a non-profit technical, professional, scientific, trade or other membership association or organization of national scope and recognition that can properly participate in the development of standards, including federal, state, interstate or regional departments or agencies interested in the work of the Institute; Company (740), a corporation, company, firm, partnership or other organization engaged in industrial or commercial enterprise or professional, educational, research, testing or trade activities; Sustaining (3), an individual or organization not otherwise eligible for membership, interested in development of standards; Honorary (2), an individual chosen for eminent service in carrying out the purposes of the Institute.

MEETINGS: Annual (November or December).

PROFESSIONAL ACTIVITIES: *Research*: Current projects are being conducted in the subject areas of the scientific and technical committees.

PUBLICATIONS: *ANSI Reporter*, biweekly, current volume: 5. Editor: Robert Selwitz. *Standards Action*, biweekly, current volume: 2. Editor: Robert Selwitz. Rates for combined subscription to these publications: \$9 (public libraries, schools, governments), \$10 (nonmembers), \$11 (foreign).

136 AMERICAN NEUROLOGICAL ASSOCIATION. *Address communications to*: Samuel A. Trufant, Secretary-Treasurer, Cincinnati General Hospital, Cincinnati, Ohio 45229. (513) 872-4426. President: A. B. Baker. Term expires June 1971. President-Elect: Paul C. Busy. Secretary-Treasurer: Samuel A. Trufant. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1875. Incorporated 1947 in New York State. *Scientific and Technical Committees*: Public Relations; Research in Veterans Administration; Neurological Education; Irreversible Coma and Death; Ethics.

PURPOSE: To advance the neurological sciences.

MEMBERSHIP: Active (237), graduation from a medical school, completion of a period of hospital and residency training sufficient to acquire competence in the clinical neurological sciences, five additional years of active clinical service on the attending staff of the wards or of the outpatient service of a hospital with a residency training program in the clinical neurological sciences, competency in teaching and research in clinical neurological science, publication of at least ten scientific papers in national or international journals, submission to the Council of a recently published manuscript of a journal article, book or unpublished thesis; Associate (80), those whose chief interests are not distinctly clinical in nature but who have actively worked for ten years and attained distinction in one of the neurological sciences; Senior (101), Active members, age 65; Honorary (53), those who by reason of professional and scientific qualifications are deemed worthy of such election to the Association; Corresponding (34), those who reside outside the U.S. or Canada and have the qualifications required for Active or Associate membership.

MEETINGS: Annual (June).

PUBLICATIONS: *Transactions of the American Neurological Association*, annual, current volume: 96, \$12-\$14. Editor: Samuel A. Trufant.

137 AMERICAN NUCLEAR SOCIETY. 244 E. Ogden Avenue, Hinsdale, Ill. 60521. (312) 325-1991. President: N. Joseph Palladino. Term expires 1971. President-Elect: John Landis. Treasurer: James R. Lüthenthal. Term expires 1972. Executive Secretary: Octave J. Du Temple.

HISTORY AND ORGANIZATION: The Society was founded in the National Academy of Sciences at Washington, D.C. on December 11, 1954 as a nonprofit, scientific, and educational organization. *Geographic Divisions*: Local sections in 23 states and abroad. *Specialty Divisions*: Aerospace; Education; Isotopes and Radiation; Materials Science and Technology; Mathematics; Nuclear Criticality Safety; Power; Reactor Operations; Reactor Physics; Remote Systems Technology; Shielding and Dosimetry.

PURPOSE: To (1) advance science and engineering relating to the atomic nucleus, and allied sciences and arts; (2) integrate the scientific disciplines constituting nuclear science and technology; (3) encourage research; (4) establish scholarships; (5) disseminate information; (6) hold meetings devoted to scientific and technical papers; (7) cooperate with government agencies, educational institutions and other organizations having similar purposes.

MEMBERSHIP: Total membership 8,100. Member, B.S. from

recognized institution in physics, chemistry, mathematics, life sciences, engineering or metallurgy, engaged in professional activity for at least three years, or other comparable categories; Associate, academic degree or three years professional experience in nuclear technology; student.

MEETINGS: Semiannual (Spring and Fall); topical meetings monthly.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Arthur Holly Compton Award, \$1,000, annual, to a member or nonmember who made an outstanding contribution to nuclear science and/or engineering education; Distinguished Service Award, annual, for outstanding contributions to the Society, or outstanding nontechnical contributions to the nuclear field; Special Award, \$1,000, annual, for an outstanding contribution in an area of work which is specified each year; Mark Mills Award, \$500, annual, to a graduate student who submits the best original technical paper; Radiation Industry Award, \$1,000, annual, for a significant contribution to the application of radiation technology to industry; Glasstone Award, \$100, annual, to that Student Branch of the American Nuclear Society which accomplished the most notable achievements in public service and the advancement of nuclear engineering.

PUBLICATIONS: *Nuclear News*, monthly, \$8. Editor: Chris Fitzgerald. *Nuclear Science and Engineering*, monthly, \$8. Editor: A. Dixon Callihan. *Nuclear Applications and Technology*, monthly, \$8. Editor: Ray Post. *Transactions*, biannual, \$8. Editor: Ruth Farmakes.

138 AMERICAN NURSES' ASSOCIATION. 10 Columbus Circle, New York, N.Y. 10029. (212) 582-7230. President: Haldegard E. Peplau. Term expires May 1972. Secretary: Josephine Brandt. Term expires May 1972. Treasurer: Rosamond C. Gabrielson. Term expires May 1972. Executive Director: Eileen M. Jacobi.

HISTORY AND ORGANIZATION: Founded 1896 in New York City. Incorporated as the Nurses Associated Alumnae of the United States in 1901. Name changed to present form in 1911. Incorporated in the District of Columbia in 1917. *Geographic Divisions:* Fifty-four constituent associations. *Specialty Divisions:* Nursing Practice; Community Health Nursing; Geriatric Nursing; Medical-Surgical Nursing; Maternal-Child Health Nursing; Psychiatric-Mental Health Nursing; Nursing Research; Nursing Education; Nursing Services; Economic and General Welfare; State Boards of Nursing; American Nurses Foundation-Research.

PURPOSE: To (1) foster high standards of nursing practice; (2) promote the professional and educational advancement of nurses; (3) promote the welfare of nurses to the end that all people may have better nursing care.

MEMBERSHIP: Member (159,000), nurses licensed to practice as a registered nurses; Associate (15,000), reduced dues classification, same qualifications as Member; Direct (500), nurses residing in foreign countries, same qualifications as Member.

MEMBERSHIP SERVICES: Professional credentials and personnel service; public relations; government lobbying services; association management consultation; careers information.

MEETINGS: Biennial Convention (May or June of even years).

PROFESSIONAL ACTIVITIES: *Research: Facts About Nursing:* 1972 Inventory of Registered Nurses. *Educational:* Research conferences; clinical nursing sessions at biennial conventions; community mental health nursing project. *Prizes and Awards:* Honorary Recognition, to a nurse or non-nurse for outstanding contribution to nursing and health; Mary Mahoney Award, outstanding contribution to intergroup relations; Pearl McIver

Public Health Nursing Award, outstanding nurse leader in field of public health and community nursing.

PUBLICATIONS: *American Journal of Nursing*, monthly, current volume: 71, \$6. Editor: Barbara Schutt. *Nursing Research*, bimonthly, current volume: 20, \$15. Editor: Lucille Notter.

139 AMERICAN OCCUPATIONAL THERAPY ASSOCIATION. 251 Park Avenue South, New York, N.Y. 10010. (212) 777-5890. President: Florence S. Cromwell. Term expires 1973. Secretary: Nedra P. Gillette. Term expires 1971. Treasurer: Myra L. McDaniel. Term expires 1972. Executive Director: Harriet Tiebel.

HISTORY AND ORGANIZATION: The National Society for the Promotion of Occupational Therapy, formed in 1917, became the American Occupational Therapy Association in 1922. Incorporated 1922. *Geographic Divisions:* Forty-two affiliate associations. *Scientific and Technical Committees:* Councils on Practice, Standards and Development; Committees on Basic Professional Education, Basic Technical Education, Continuing Education and Graduate Study. *Relationship with Other Societies:* Authorized the formation of the American Occupational Therapy Foundation, Inc. in April 1965.

PURPOSE: To (1) promote the use of occupational therapy; (2) advance the standards of education and training in this field; (3) promote research; (4) engage in any other activities that in the future may be considered advantageous to the professions and its members.

MEMBERSHIP: Registered Occupational Therapist (9,859); Certified Occupational Therapy Assistant (1,548); Occupational Therapy Student (3,820).

MEMBERSHIP SERVICES: Legislative; occupational.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Programs administered by the American Occupational Therapy Foundation include workshops for state affiliates, scholarships to undergraduate and graduate students and visiting lectureships. *Prizes and Awards:* Award of Merit; Eleanor C. Slagle Lectureship Award.

PUBLICATIONS: *American Journal of Occupational Therapy*, eight issues per year, current volume: 25, \$10.50 (individuals), \$12.50 (institutions). Editor: Cordelia Myers.

140 AMERICAN OIL CHEMISTS' SOCIETY. 35 East Wacker Drive, Chicago, Ill. 60601. (312) 782-2455. President: S. S. Chang. President-Elect: R. R. Allen. Secretary: R. T. O'Connor. Treasurer: F. A. Norris. Executive Director: C. H. Hauber.

HISTORY AND ORGANIZATION: Founded in Memphis, Tennessee in 1909 as the Society of Cotton Products Analysts. Incorporated in Louisiana in 1922 as the American Oil Chemists' Society. Maintained its offices in New Orleans until 1945 when it moved to its present address in Chicago, Illinois. *Geographic Divisions:* Six. *Scientific and Technical Committees:* Abstracting; Biochemical Methods; Check Sample Program; Commercial Fats and Oils Analysis; Education; Engineering; Environmental Control; Examination Board; Fat and Oil By-products; Industrial Oils and Derivatives; Instrumental Techniques; Protein Nutrition; Seed and Meal Analysis; Soap and Synthetic Detergents; Standards; Technical Safety; Uniform Methods.

PURPOSE: To (1) encourage the advancement of technology and research in oils, other lipids and associated substances; (2) bring about standardization of analytical methods, equipment and materials; (3) improve the professional competence of

these chemists, other scientists and technologists; (4) provide professional communication through technical publications and scientific meetings; (5) encourage education and training at all levels in these important fields of science and technology.

MEMBERSHIP: Active (2,900), five years formal study (or equivalent) of fats, oils, waxes, their constituents or compounds; Individual Associate (200), manufacturer, distribution or sales of fats, oils, waxes, their constituents or compounds, or associated machinery or services; Active Junior (100), regularly matriculated student studying fats, oils, waxes, their constituents or compounds.

MEMBERSHIP SERVICES: Annual summer programs; short courses.

MEETINGS: Biannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Smalley Check Sample Program (chemical analysis of fats, oils and oilseeds). *Educational:* Annual education program of short courses (four days each) on subject of major interest to oil chemists and lipid chemists. *Prizes and Awards:* Bond Gold Medal, semi-annual, best verbal presentation of technical paper; Award in Lipid Chemistry, annual, \$2,500, best contribution to original lipid research; Alton E. Bailey Award, annual, \$200, best scientific contribution.

PUBLICATIONS: *Journal of the American Oil Chemists' Society*, monthly, current volume: 48, \$30. Editor: A. R. Baldwin. *Lipids*, monthly, current volume: 6, \$30. Editor: W. O. Lundberg.

141 THE AMERICAN OPHTHALMOLOGICAL SOCIETY.

Address communications to: Samuel D. McPherson, Jr., Secretary-Treasurer, 1110 West Main Street, Durham, N.C. 27701. (919) 682-9341. President: Dohmann K. Pischel. Term expires May 1971. Secretary-Treasurer: Samuel D. McPherson, Jr. Term expires May 1971.

HISTORY: Founded in 1864, the oldest specialty society in American medicine and the second oldest ophthalmology society in the world.

PURPOSE: To advance ophthalmic science and art.

MEMBERSHIP: Member (116), graduates in medicine, practice of ophthalmology for ten years, elected by Council; Associate (32), become Members after reading a scientific paper before the Society, attending two annual meetings; Emeritus (18); Honorary (2). Membership limited to 225.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* The Howe Medal for distinguished service to ophthalmology.

PUBLICATIONS: *Transactions*, annual. Editor: Clement McCulloch.

AMERICAN OPTICAL ASSOCIATION. See AMERICAN OPTOMETRIC ASSOCIATION.

142 AMERICAN OPTOMETRIC ASSOCIATION. 7000 Chipewas Street, St. Louis, Mo. 63119. (314) 832-5770. President: Richard L. Hopping. Term expires June 1972. President-Elect: J. C. Tumblin. Secretary-Treasurer: M. L. DeBolt. Term indefinite. Executive Director: J. Harold Bailey.

HISTORY AND ORGANIZATION: Founded as the American Optical Association in 1897. Name changed to present form in 1919. *Specialty Divisions:* Departments of Education and Manpower, Public Health Optometry, Public Affairs, Professional Affairs and Optometric Practice; Councils on Optometric Education and Clinical Optometric Care. *Scientific and*

Technical Committees: Aid to the Partially Sighted; Civil Defense and Disaster; Civil Service; Contact Lenses; Education; Environmental Vision; Federal Legislation; International Affairs; Interprofessional Relations; Military Affairs; New Academic Facilities; Optometric Assistants, Technicians and Technologists; Orthoptics and Visual Training; Practice Management; Publications; Public Health and Optometric Care; Public Information; Research and Standards; Urban Optometry; Vision Care of the Aging; Visual Problems of Children and Youth; Vocational Guidance. *Relationship with Other Societies:* Federation of associations representing each of the 50 states and the District of Columbia. There are also zone and local optometric societies. The Auxiliary to the American Optometry Association is an affiliate.

PURPOSE: To (1) advance, improve and enhance the vision care of the public; (2) unite optometrists; (3) encourage and assist in the improvement of the art and science of optometry; (4) elevate unceasingly the standards and ethics of the profession of optometry to protect and defend the inalienable right of every person to freedom of choice of practitioner; (5) restrict the practice of optometry and any part of it to those who have been trained, qualified and licensed to practice the profession.

MEMBERSHIP: Active, members in good standing in respective state association; Military, optometrists serving as commissioned officers in the armed forces; Distinguished, former Association presidents; Life, granted to former Active members; Honorary, outstanding service in the field of health optometry or optics, or conspicuous contribution to the advancement of organized optometry, nationally; Student, students in an accredited school or college of optometry; Affiliated, optometrists who practice and reside in foreign countries or possessions of the United States.

MEETINGS: Annual (June); National Conference (January).

PROFESSIONAL ACTIVITIES: *Research:* Membership surveys on type and scope of optometric practice, income, geographic locations, ratios of optometrists to population, etc. *Educational:* Sponsorship of National Conference Week, annually; sponsorship of educational courses as part of Annual Congress. *Prizes and Awards:* Apollo Award, annual, distinguished service to the visual welfare of mankind; Optometrist of the Year, annual, recognizes deserving individual optometrists for service to the profession, service to the visual welfare of the public and service to the community; Public Service Awards for Distinguished Service in Journalism, annual, recognizes outstanding news articles and broadcasts on the subject of vision as contributing to a better understanding of the importance of vision and its proper care.

PUBLICATIONS: *AOA News*, monthly, current volume: 10, \$3. Editor: James Swinford. *Journal of the American Optometric Association*, monthly, current volume: 42, \$7.50. Editor: Milt Eger.

143 AMERICAN ORNITHOLOGISTS' UNION. Address communications to:

Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560. President: Robert W. Storer. Term expires September 1971. Secretary: Richard C. Banks. Treasurer: Burt L. Monroe, Jr. Term expires September 1971.

HISTORY AND ORGANIZATION: Founded in New York City when 21 leading ornithologists met in the American Museum of Natural History September 26-29, 1883. Incorporated November 14, 1888 in the District of Columbia. *Scientific and Technical Committees:* Conservation; Research; Classification of North American Birds. *Relationship with Other Societies:*

Affiliated with American Association for the Advancement of Science.

PURPOSE: To advance ornithological science through publications, annual meetings, committees and membership.

MEMBERSHIP: Member (2,824); Elective Member (209), contribution to ornithology; Fellow (90), greater contribution to ornithology; Corresponding Fellow (73), non-citizen of North America, eminence in ornithology; Honorary Fellow (20), non-citizen of North America, outstanding eminence in ornithology; Patron, Benefactor, Life (18).

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Survey of collections of birds in U.S. and Canada. *Educational:* Josselyn Van Tyne Memorial Research awards to further research by young ornithologists, usually students; Marcia Brady Tucker travel awards to permit students to attend annual meetings; student memberships. *Prizes and Awards:* Brewster Memorial Award, usually annual, most meritorious work on birds of the Western Hemisphere published during the ten years preceding a given annual meeting.

PUBLICATIONS: *The Auk*, quarterly, current volume: 88, \$12. Editor: Oliver L. Austin, Jr. *Ornithological Monographs*, irregular, current volume: 9. Editor: Robert M. Mengel.

144 AMERICAN ORTHOPSYCHIATRIC ASSOCIATION. 1790 Broadway, New York, N.Y. 10019. (212) 586-5690. President: Eli M. Bower. Term expires April 1972. President-Elect: Charles H. King. Secretary: Max Deutscher. Term expires April 1972. Treasurer: Jerome M. Goldsmith. Term expires April 1974. Executive Director: Marion F. Langer.

HISTORY AND ORGANIZATION: Founded 1924 in New York City. Incorporated September 17, 1937 in New York State. *Scientific and Technical Committees:* Human Rights and Minority Issues; Social Issues; Research and Clinical Services; Children and Youth Issues.

PURPOSE: To (1) unite and provide a common meeting ground for those engaged in the study and treatment of problems of human behavior; (2) foster research and spread information concerning scientific work in the field of human behavior, including all forms of abnormal behavior.

MEMBERSHIP: Member (2,060), Master's degree or its equivalent, three years of acceptable professional work experience in the study of personality and behavior and/or in the prevention and treatment of disorders thereof; Fellow (1,437), Member in good standing for five years; Honorary (10); Student, full-time study in a graduate university program in one of the disciplines in the mental health field.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Gathering of data on pre- and postnatal impact of malnutrition and poor medical care of infants and children and their subsequent impact on health and mental health as adults; assessment of delinquency and learning in school; collation of data on early childhood preschool programs and on day care and home care services which are currently available and being utilized, especially in terms of the impact of early stimulation on children, the issue of critical periods, and problems around studying motivation versus cognition functions. *Educational:* Educational activities are carried out at the annual meeting, the fall meeting of the councils, in task forces and study groups and by the Board.

PUBLICATIONS: *American Journal of Orthopsychiatry*, five issues per year, current volume: 41, \$16, \$10 (students). Editor: Leon Eisenberg.

145 AMERICAN OSTEOPATHIC ASSOCIATION. 212 East Ohio Street, Chicago, Ill. 60611. (312) 944-2713. President: W. S. Horn. Term expires July 1971. President-Elect: Marion E. Coy. Treasurer: Kenneth L. Ettenson. Term indefinite. Executive Director: Edward P. Crowell. Term indefinite.

HISTORY AND ORGANIZATIONS: Organized in April 1897 as the American Osteopathic Association for the Advancement of Osteopathy. Name changed to present form in 1901. Incorporated 1923 in Illinois. *Geographic Divisions:* Forty-nine state and four divisional societies. *Specialty Divisions:* American Academy of Osteopathy; American College of General Practitioners in Osteopathic Medicine and Surgery; American College of Neuropsychiatrists; American College of Osteopathic Internists; American College of Osteopathic Obstetricians and Gynecologists; American College of Osteopathic Pediatricians; American College of Osteopathic Surgeons; American Osteopathic Academy of Sclerotherapy; American Osteopathic College of Anesthesiologists; American Osteopathic College of Dermatology; American Osteopathic College of Pathologists, Inc.; American Osteopathic College of Proctology; American Osteopathic College of Radiology; American Osteopathic College of Rehabilitation Medicine; Osteopathic College of Ophthalmology and Otorhinolaryngology. *Scientific and Technical Committees:* Research; Osteopathic Specialists; Hospital Accreditation; Postdoctoral Training; Mental Health; Mental Retardation; Physical Fitness and Sports Medicine; Health Care for Aging; Alcoholism; Health Care Costs; Disaster Medical Care; Medi-Com. *Relationship with Other Societies:* Affiliated with the Academy of Osteopathic Directors of Medical Education; American Association of Colleges of Osteopathic Medicine; American Association of Osteopathic Examiners; American College of Osteopathic Hospital Administrators; American Osteopathic Golf Association; American Osteopathic Hospital Association; Association of Osteopathic Publications; Association of Osteopathic State Executive Directors; Auxiliary to the American Osteopathic Association; Gavel Club. The Association is a federation of divisional societies organized within state, provincial or foreign country boundaries.

PURPOSE: To (1) promote the public health; (2) encourage scientific research; (3) maintain and improve high standards of medical education in osteopathic colleges.

MEMBERSHIP: Regular (10,704), graduate of a college of osteopathy approved by the Association and eligible for licensure; Honorary Life, Regular member in good standing for 25 consecutive years; Life, Regular member age 70 or with 50 years of osteopathic practice - combined Honorary Life and Life Membership 598; Associate (33), teaching, research, administrative or executive employee of approved osteopathic colleges or hospitals; Student (413), undergraduate student in an approved osteopathic college.

MEMBERSHIP SERVICES: Accreditation of osteopathic hospitals; inspection and approval of intern and residency training programs; evaluation and approval of fellowship and preceptorship training programs; evaluation and accreditation of osteopathic colleges.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Basic research in laboratories, clinics, and hospitals connected with colleges of osteopathic medicine. *Educational:* Scientific programs conducted during the annual convention; scholarships for undergraduate professional education; fellowships for graduate study; Auxiliary Scholarship Program, scholarships of \$1,500 each.

PUBLICATIONS: *Journal of the American Osteopathic Association*, monthly, current volume: 11, \$10. *Forum of Osteopathy*, monthly, current volume: 11, \$10. *Health*, 10 issues per year, current volume: 16, \$1. *Yearbook and Directory of Osteopathic Physicians*, annual, \$25. *News Review*, monthly, current volume: 13, free. Editor of Publications: George W. Northrup.

AMERICAN OSTEOPATHIC ASSOCIATION FOR THE ADVANCEMENT OF OSTEOPATHY. See AMERICAN OSTEOPATHIC ASSOCIATION.

146 AMERICAN OSTEOPATHIC COLLEGE OF PATHOLOGISTS. 3921 Beecher, Flint, Mich. 48502. (313) 235-8511. President: Fred J. Jensen. Term expires November 1971. President-Elect: Manley B. Brabb. Secretary-Treasurer: George E. Himes.

HISTORY AND ORGANIZATION: Founded 1954 in Toronto, Canada. Incorporated in Illinois. *Scientific and Technical Committees:* Clinical Laboratory Standards and Control; Schools of Medical Laboratory Technology; Editorial; Graduate Education. *Relationship with Other Societies:* Affiliated with the American Osteopathic Association.

PURPOSE: To (1) improve the practice of pathology; (2) develop applications of the osteopathic concepts in pathology; (3) study and promote such other arts and sciences as may directly or indirectly improve the practice of pathology; (4) provide instruction in the practice of pathology for osteopathic physicians as are considered qualified; (5) maintain and promote the highest moral and ethical standards in the practice of pathology.

MEMBERSHIP: Active (76), Doctor of Osteopathy with two, three or four years of residency in pathology; Candidate (17), Doctor of Osteopathy with one year of residency; Associate (6), allied health professions; Life (3), retired from practice.

MEETINGS: Annual Seminar (October or November); Midyear Seminar (February or March).

PROFESSIONAL ACTIVITIES: *Educational:* Seminars. *Prizes and Awards:* Scientific Products Award, best scientific paper by a resident in pathology; Fellow, outstanding contribution to the practice, teaching or administration of pathology.

PUBLICATIONS: *Annual of the American Osteopathic College of Pathologists*, annual, current volume: 14. Editor: George E. Himes. *Newsletter*, four issues per year, current volume: 12. Editor: George E. Himes.

147 THE AMERICAN OTOLOGICAL SOCIETY, INC. *Address communications to:* Wesley H. Bradley, Secretary-Treasurer, 1100 East Genesee Street, Syracuse, N.Y. 13210. (315) 476-3124. President: John E. Bordley. Term expires June 1971. Secretary-Treasurer: Wesley H. Bradley. Term expires June 1971.

HISTORY AND ORGANIZATION: Organized July 22, 1868 at Newport, Rhode Island. Incorporated June 3, 1926 in New York State.

PURPOSE: To (1) advance and promote the study of otology; (2) engage in and encourage research with respect thereto.

MEMBERSHIP: Active (108), graduates in medicine, engaged in the practice of otology for five or more years, certified by the American Board of Otolaryngology; Senior (24), Active members for at least 20 years or age 70; Honorary (7), for contributions to the advancement of otology; Associate (18), those who, although ineligible for Active membership, are considered worthy of affiliation with the Society by virtue of

their contributions to the advancement of otology; Emeritus (4), those who no longer are engaged in the active practice of medicine, because of illness, retirement, or other extenuating circumstances, and who are not eligible for Senior membership.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Award of Merit, for outstanding accomplishment and distinguished service in the field of otology.

PUBLICATIONS: *Transactions of the American Otological Society, Inc.*, annual, current volume: 58, \$12. Editor: Ben H. Senturia.

148 THE AMERICAN PEDIATRIC SOCIETY. *Address communications to:* Charles D. Cook, Secretary-Treasurer, 333 Cedar Street, New Haven, Conn. 06510. (203) 436-0316. President: Charles A. Janeway. Term expires May 1971. Chairman of Council: Frederick C. Robbins. Secretary-Treasurer: Charles D. Cook. Term expires May 1971.

HISTORY: Organizing meeting held September 18, 1888. Incorporated 1962 in New York.

PURPOSE: To (1) bring together men and women for the advancement of the study of children and their diseases, for the prevention of illness and the promotion of health in childhood, for the promotion of pediatric education and research; (2) honor those who, by their contributions to pediatrics, have aided in its advancement.

MEMBERSHIP: Active (383), nominated by two Active members, nominated by Council, elected by three-fourths of Active members; Emeritus (91), 68 years of age or Active members for 20 years; Honorary (28), distinguished service or contributions to pediatrics.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Howland Award, annual, contributions to advancement of pediatrics.

149 AMERICAN PETROLEUM INSTITUTE. 1801 K Street, N.W., Washington, D.C. 20006. (202) 833-5590. Chairman of the Board: Otto N. Müller. Term expires January 1972. President: Frank N. Ikard. Term expires January 1972. Secretary: Willard M. Wilson. Term expires January 1972. Treasurer: Robert G. Dunlop. Term expires January 1972.

HISTORY AND ORGANIZATION: Incorporated March 20, 1919 in Washington, D.C. *Specialty Divisions:* Finance and Accounting; Marketing; Production; Refining; Statistics and Economics; Transportation. *Scientific and Technical Committees:* Asphalt; Environmental Affairs; Natural Gas; Statistics and Economics; Wildlife Conservation; World Petroleum Congresses; Public Affairs; Air and Water Conservation; Medicine and Environmental Health.

PURPOSE: To (1) afford a means of cooperation with the government in all matters of national concern; (2) foster foreign and domestic trade in American petroleum products; (3) promote in general the interests of the petroleum industry in all its branches; (4) promote the mutual improvement of its members and the study of the arts and sciences connected with the petroleum industry.

MEMBERSHIP: Corporate (400), any company with its principal office in the U.S., Canada or Mexico, engaged in the petroleum or allied industry; Individual (8,000), any resident of the U.S., Canada or Mexico, over 21 years of age of high character and good standing, engaged directly in the petroleum or allied industry; Honorary, persons making for progress or contributing to the development of petroleum or allied industries, or

chosen for their respective accomplishments in national or international affairs.

MEMBERSHIP SERVICES: Library; cooperative research programs; standardization of equipment.

MEETINGS: Annual (November); Midyear Divisional (May).

PROFESSIONAL ACTIVITIES: *Research:* Numerous projects are being conducted by the Health and Biological Research Committee, the Committee on Medicine and Environmental Health, the Division of Refining, the Committee for Air and Water Conservation, and jointly with government and other associations. *Prizes and Awards:* Gold Medal for Distinguished Achievement.

PUBLICATIONS: *Petroleum Today*, quarterly, current volume: 12, free. Editor: Robert L. Fouquay, Jr. *Oilman's Calendar*, semiannual, free. *American Petroleum Institute (API) Abstracts of Refining Literature*, weekly, current volume: 18, \$1,100 to \$8,000. Editor: Everett Brenner. *API Abstracts of Refining Patents*, weekly, current volume: 71, \$2,000 to \$10,000. Editor: Everett Brenner. *API Abstracts of Petroleum Substitutes Literature and Patents*, monthly, current volume: 18, \$150 to \$1,000. Editor: Everett Brenner. *API Abstracts of Transportation and Storage Literature and Patents*, monthly, current volume: 18, \$275 to \$2,000. Editor: Everett Brenner. *API Abstracts of Air and Water Conservation Literature and Patents*, weekly, current volume: 18, \$275 to \$2,000. Editor: Everett Brenner.

150 AMERICAN PHARMACEUTICAL ASSOCIATION. 2215 Constitution Avenue, N.W., Washington, D.C. 20037. (202) 628-4410. President: William R. Whitten. Term expires April 1971. President-Elect: Lloyd M. Parks. Chairman of the Board: George D. Denmark. Term expires April 1971. Treasurer: Grover C. Bowles. Term expires April 1971. Executive Director: William S. Apple.

HISTORY AND ORGANIZATION: Founded 1852 in Philadelphia. Incorporated 1888 in the District of Columbia. *Geographic Divisions:* Four. *Specialty Divisions:* Academy of General Practice of Pharmacy; Academy of Pharmaceutical Sciences; Student Association. *Scientific and Technical Committees:* Professional Affairs; Public Affairs; Organizational Affairs; National Formulary Program Board and Committees; Judicial Board. *Relationship with Other Societies:* Member of the Pan American Federation of Pharmacy and Biochemistry, Professional Convention Management Association, American Council on Pharmaceutical Education, Medical Library Association, Federation Internationale Pharmaceutica, U.S. Committee for World Health Organization, American Institute of History of Pharmacy, American Council on Education, American Marketing Association, National Press Club, National Better Business Bureau, American Public Health Association, American Hospital Association, U.S. Chamber of Commerce, New York Academy of Sciences, American Academy of Political and Social Sciences, National Council on Smoking and Health, Association of Schools of Allied Health Professions, American Association for the Advancement of Science, Conference of National Organizations and the National Environmental Health Association; affiliated with the American Society of Hospital Pharmacists, American College of Apothecaries, and 16 state pharmaceutical associations.

PURPOSE: To (1) aid in improving, promoting, and safeguarding the public health and welfare in every practical manner and by all practical means; (2) foster and encourage interprofessional relations; (3) improve the art and science of pharmacy for the general welfare of the public by fostering the publication of

scientific information; (4) provide a system of education and training in the art of pharmacy; (5) support a system of licensure and registration of pharmacists; (6) develop, maintain, and enforce a Code of Ethics; (7) cooperate to the fullest in conducting research, examinations, investigations, experiments, and in the dissemination of information in the field of pharmacy.

MEMBERSHIP: Active (34,140), licensed pharmacist or with degree in pharmacy qualifying for licensing; Associate (1,061), interested in the advance of pharmacy; Student (12,182), graduate or undergraduate enrolled in pharmacy or pre-pharmacy in accredited college or university; Honorary (9), professional of distinction.

MEMBERSHIP SERVICES: Public relations; legislative; professional; career guidance; wide variety of aids to pharmacy practice.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Drug interactions evaluation program; pharmaceutical services in poverty areas (Office of Economic Opportunity grant); drug standards laboratory research on pharmaceutical analysis and standards; slide talk on drug interactions; handbook on non-prescription drugs; evaluation of recommendations for the inclusion of disaster preparedness material into the pharmacy curricula, a survey for the Health, Education and Welfare Division of Emergency Health Services. *Educational:* Cosponsor of American Council on Pharmaceutical Education; patron of the American Pharmaceutical Association Foundation; collaborator and supporter of American Foundation for Pharmaceutical Education and the American Association of Colleges of Pharmacy in developing films, brochures, etc., as vocational guides and recruitment aids; national coordinator of National Pharmacy Week, a vehicle for public health information and education. *Prizes and Awards:* Hugo H. Schaefer Medal Award; Daniel B. Smith Award; Kilmier Prize; Kolthoff Gold Medal; Ebert Prize; Remington Medal Award; Research Achievement Awards.

PUBLICATIONS: *Journal of the American Pharmaceutical Association*, monthly, current volume: NS11, \$10. Editor: George B. Griffenhagen. *APhA Newsletter*, biweekly, current volume: 10. Editor: Donald E. Prescott. *Journal of Pharmaceutical Sciences*, monthly, current volume: 60, \$20. Editor: Edward G. Feldmann.

151 THE AMERICAN PHILOSOPHICAL SOCIETY HELD AT PHILADELPHIA FOR PROMOTING USEFUL KNOWLEDGE. 104 South Fifth Street, Philadelphia, Pa. 19106. (215) WAS-3606. President: Leonard Carmichael. Term indefinite. Secretary: Britton Chance. Term expires April 1972. Executive Director: George W. Corner. Term indefinite.

HISTORY AND ORGANIZATION: Founded at Philadelphia in 1743 by Benjamin Franklin. Merged in 1769 with the American Society of Philadelphia. Philosophical Hall completed 1789; Library Hall, 1959. Incorporated by Charter, 1780 in Pennsylvania. *Specialty Divisions:* Mathematical and Physical Sciences; Geological and Biological Sciences; Social Sciences; Humanities. *Scientific and Technical Committees:* Commission on Bicentennial Congress of Liberty in 1976; Joint Committee (with American Physical Society) on History of Theoretical Physics in Twentieth Century; Administrative Board (jointly with Yale University) on Franklin Papers Project; Board (jointly with National Academy of Sciences and Smithsonian Institution) on Joseph Henry Papers; Committee (jointly with Bryn Mawr College and University of Pennsylvania) on Seminars in the History of Science. *Relationship*

with Other Societies: Member of American Council of Learned Societies.

PURPOSE: To prosecute and advance all useful branches of knowledge.

MEMBERSHIP: Resident (500), distinction in the sciences or humanities, in letters, in the practice of the arts of the learned professions and in the administration of affairs; Foreign (100), eminence for attainments in science, letters or the liberal arts.

MEMBERSHIP SERVICES: Special privileges in use of library and reference services.

MEETINGS: Semiannual (April and November).

PROFESSIONAL ACTIVITIES: *Research:* Grants to individuals for research in all fields of learning; research fellowships in clinical medicine and forestry and related sciences. *Educational:* Participation with Bryn Mawr College and the University of Pennsylvania in seminars in the history and philosophy of science, sponsored by the Macy Foundation of New York. *Prizes and Awards:* Magellanic Premium for navigation, astronomy, etc.; Henry M. Phillips, Jr. Prize for essay on jurisprudence; John F. Lewis Prize, annual, for paper presented at meeting; Karl Spencer Lashley Prize, annual, for research in neurology.

PUBLICATIONS: *Transactions of the American Philosophical Society*, annual, current volume: 61, \$10. *Proceedings of the American Philosophical Society*, bimonthly, current volume: 115, \$5. *Memoirs of the American Philosophical Society*, irregular, current volume: 82. Editor of Publications: George W. Corner.

AMERICAN PHYSICAL EDUCATION ASSOCIATION. See AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION.

152 THE AMERICAN PHYSICAL SOCIETY. 335 East 45th Street, New York, N.Y. 10017. (212) 685-2014. President: Robert Serber. Term expires February 1972. President-Elect: Philip M. Morse. Executive Secretary: W. W. Havens, Jr.

HISTORY AND ORGANIZATION: Founded 1899 in New York City. *Geographic Divisions:* Four sections. *Specialty Divisions:* Chemical Physics; Cosmic Physics; Electron and Atomic Physics; Fluid Dynamics; High Polymer Physics; Nuclear Physics; Particles and Fields; Plasma Physics; Solid State Physics.

PURPOSE: To (1) promote the advancement and diffusion of the knowledge of physics; (2) publish a periodical and other publications for that purpose.

MEMBERSHIP: Fellow (2,555), persons who have contributed to the advancement of physics by independent, original research, or who have rendered some other special service to the cause of the science which is considered equivalent to such investigations; Member (25,649), (a) graduate students specializing in physics, (b) teachers of physics with principal preparation in physics, or the bona fide equivalent, (c) other persons professionally trained in physics and engaged in its advancement, (d) persons engaged in lines of work related to physics, such as mathematics, astronomy, etc., (e) persons not professionally engaged in physics or related lines, but whose interest and activity in the science would make them desirable Members; Honorary, persons of acknowledged pre-eminence in the science of physics.

MEETINGS: Annual (January or February); four other meetings each year.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Tom W. Bonner Prize in Nuclear Physics, annual; Oliver E. Buckley Solid State Physics Prize, annual; Irving Langmuir Prize, odd

years; Davison Germer Prize, odd years; Dannie Heineman Prize for Mathematical Physics, annual; High Polymer Physics Prize, annual.

PUBLICATIONS: *Bulletin of the American Physical Society*, monthly, current volume: 16, \$12 (domestic), \$13.50 (foreign). Editor: W. W. Havens, Jr. *Physical Review*, four sections published monthly, current volume: 2, Complete - \$180 (domestic), \$198 (foreign); Sections A and C - \$30 (domestic), \$33 (foreign); Sections B and D - \$60 (domestic), \$66 (foreign). *Reviews of Modern Physics*, quarterly, \$12 (domestic), \$13 (foreign). Editor: L. M. Branscomb. *Physical Review Letters*, weekly, \$40 (domestic), \$43.50 (foreign). Editor: S. A. Goudmit. *Physical Review Abstracts*, semi-monthly, \$4 (domestic), \$6 (foreign). Editor: S. A. Goudmit.

153 THE AMERICAN PHYSIOLOGICAL SOCIETY. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-3200. President: A. C. Barger. Term expires July 1971. President-Elect: J. R. Brobeck. Executive Secretary-Treasurer: Ray G. Dagg.

HISTORY AND ORGANIZATION: Founded at a meeting held December 30, 1887 in the physiological laboratory of the College of Physicians and Surgeons, New York. Incorporated, 1923 in Missouri. *Scientific and Technical Committees:* Education; Perkins Memorial Fund; Senior Physiologists; Porter Physiological Development Program. *Relationship with Other Societies:* Member of Federation of American Societies for Experimental Biology (FASEB).

PURPOSE: To (1) promote the increase of physiological knowledge and its utilization; (2) organize meetings at which results of research are presented and discussed; (3) publish research contributions in physiology.

MEMBERSHIP: Regular (3,401), conducted and published meritorious original research in physiology, presently engaged in physiological work, residents of North America and proposed by two regular members; Associate (331), advanced graduate students in physiology at a predoctoral level, teachers of physiology, or investigators who have not yet had the opportunity or time to satisfy the requirements for regular membership, residents of North America; Honorary (17), distinguished scientists of any country who have contributed to the advance of physiology; Retired (198), Regular or Associate members 65 years of age and/or retired from regular employment; Sustaining Associate (20), individuals and organizations who have an interest in the advancement of biological investigation and who are invited by the President, with approval of Council, to become sustaining associates.

MEETINGS: Annual (April, with FASEB); Annual (August, American Physiological Society alone).

PROFESSIONAL ACTIVITIES: *Educational:* Perkins Memorial Fund, supplemental support for foreign physiologist planning to work with a physiologist in the U.S.A.; Porter Physiological Development Program, assistance to stimulate the improvement of underdeveloped American departments of physiology; career brochures; workshops in physiology for college level biology teachers. *Prizes and Awards:* Bowditch Lectureship, annual remunerated lecture by a regular member under 40 years of age, selected by the President of the Society.

PUBLICATIONS: *American Journal of Physiology*, monthly, current volume: 220, \$60. Editor: Sara F. Leslie. *Journal of Applied Physiology*, monthly, current volume: 30, \$45. Editor: Sara F. Leslie. *Journal of Neurophysiology*, bimonthly, current volume: 24, \$18. Editor: J. M. Brookhart. *Physiological Reviews*, quarterly, current volume: 51, \$15. Editor: J. R. Brobeck. *The Physiologist*, quarterly, current volume: 14,

\$4. Editor: R. G. Daggs. *Handbooks of Physiology*, irregular, current section: 7 (one to five volumes per section), \$20 to \$40 per volume. Editor: S. R. Geier.

154 AMERICAN PHYTOPATHOLOGICAL SOCIETY, INC. 1821 University Avenue, St. Paul, Minn. 55104. (612) 645-0219. President: Thor Kommedahl. Term expires August 1971. President-Elect: Joseph P. Fulton. Secretary: Ralph J. Green, Jr. Term expires August 1971. Treasurer: Laurence H. Purdy. Term expires September 1973. Executive Vice President: Raymond J. Tarleton.

HISTORY AND ORGANIZATION: Founded December 30, 1908 in Baltimore, Maryland. Incorporated October 25, 1915 in the District of Columbia. *Geographic Divisions:* Six. *Scientific and Technical Committees:* Bacteriology; Chemical Control; Disease and Pathogen Physiology; Epidemiology and Meteorology; Forest Pathology; Host Resistance and Microbial Genetics; Mycology; Plant Nematology; Plant Virology; Pollution Damage to Plants; Soil Microbiology. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science and the American Institute of Biological Sciences.

PURPOSE: To promote the increase and diffusion of all aspects of knowledge relative to plant disease and control.

MEMBERSHIP: Annual, anyone interested in the study and control of plant disease; Student, anyone interested in the study and control of plant diseases who is enrolled as a senior or graduate student in an accredited college or university and not employed more than two-thirds time; Emeritus, retired and member of the Society for 20 years; Patron; Sustaining Associate, any institution or business.

MEMBERSHIP SERVICES: Transparencies of pathogens for teaching aids; placement service; phytopathology classics.

MEETINGS: Annual (late Summer).

PROFESSIONAL ACTIVITIES: *Research:* Literature retrieval. *Educational:* Short courses. *Prizes and Awards:* Fellow, annual, to a member in recognition of distinguished contributions to plant pathology; Ruth Allen Award, annual, innovating research contribution that has changed or has the potential to change the direction of work in plant pathology; Award of Distinction, highest award of the Society for truly exceptional contributions to plant pathology.

PUBLICATIONS: *Phytopathology*, monthly, current volume: 61, \$40. Editor: Robert Aycock. *Phytopathology News*, monthly, current volume: 5, \$5. Editor: Richard J. Campana.

155 AMERICAN PODIATRY ASSOCIATION. 20 Chevy Chase Circle, N.W., Washington, D.C. 20015. (202) 362-2700. President: Lawrence G. Lefler. Term expires August 1971. President-Elect: Ernest M. Weiner. Executive Director: Seward P. Nyman.

HISTORY AND ORGANIZATION: Originated on July 1, 1912 as the National Association of Chiropractors. Incorporated in New York State on September 18, 1912. Present name adopted in 1958. *Geographic Divisions:* Fourteen regions. *Scientific and Technical Committees:* Subcommittees of Councils on Podiatry Education, Public Affairs, Medical and Allied Health Relations, Podiatric Therapeutics. *Relationship with Other Societies:* Affiliated Organizations: American Academy of Podiatry Administration; American Association of Hospital Podiatrists; American College of Foot Orthopedists; American College of Foot Roentgenologists; American College of Foot Surgeons, Inc.; American Podiatry Students Association; American Podiatry Women's Association;

American Society of Podiatric Medicine; American Society of Podiatric Dermatology; Women's Auxiliary American Podiatry Association. Fifty-two component societies.

PURPOSE: To promote the art and science of podiatry and the betterment of public health.

MEMBERSHIP: Active, licensed podiatrist, member of one of the component societies; Associate (in component society), licensed podiatrist, one year of practice; Intern and Resident, in a program approved by Council on Podiatry Education. Total membership 5,300.

MEMBERSHIP SERVICES: Public information pamphlets; state law improvement; headquarter's library.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Educational:* Four \$4,000 fellowships annually for postgraduate education leading to an advanced degree in a field related to podiatry. *Prizes and Awards:* William J. Stickel Awards for Research and Papers in Podiatry, annual.

PUBLICATIONS: *Journal of the American Podiatry Association*, monthly, current volume: 61, \$18 (nonmembers). Editor: Louis G. Buttell.

156 AMERICAN POLITICAL SCIENCE ASSOCIATION. 1527 New Hampshire Avenue, N.W., Washington, D.C. 20036. (202) 387-8585. President: Robert E. Lane. President-Elect: Heinz Eulau. Secretary: Thomas R. Dye. Treasurer: Donald R. Matthews. Executive Director: Evron M. Kirkpatrick.

HISTORY AND ORGANIZATION: Founded 1903, Incorporated 1951 in Washington, D.C. *Scientific and Technical Committees:* Scientific Information Exchange.

PURPOSE: To (1) carry on impartial research projects; (2) conduct educational programs for political scientists, journalists and public officials; (3) bring together theory and practice in the broad fields of government, politics and public policy.

MEMBERSHIP: An interest in the art and science of government. Individual (13,663); Institution (3,745).

MEMBERSHIP SERVICES: Personnel service; registry of retired professors; annual summer flights to Europe.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Study of Congress Project. *Educational:* The Association conducts numerous educational programs for political scientists, secondary school social studies teachers, reporters and public officials; Black Graduate Fellowship Program, \$3,600 per year; Congressional Fellowship Program, \$6,500 minimum per year; State and Local Government Internship Program, \$4,000 maximum per year. *Prizes and Awards:* Woodrow Wilson Foundation Book Award, annual, \$1,000, best book in government, politics or international affairs; Leonard D. White Award; Edward S. Corwin Award; Helen Dwight Reid Award; Gladys M. Kammerer Award; Pi Sigma Alpha Award; Public Affairs Reporting Awards.

PUBLICATIONS: *American Political Science Review*, quarterly, current volume: 65. Editor: Nelson W. Polsby. *PS*, quarterly, current volume: 4. Editor: Walter E. Beach. Combined subscription price for both publications \$35.

157 AMERICAN POMOLOGICAL SOCIETY. *Address communications to:* L. D. Tukey, Secretary-Treasurer, 101 Tyson Building, University Park, Pa. 16802. (814) 865-2572. President: George L. Slate. Term expires January 1972. Secretary-Treasurer: Loren D. Tukey. Term indefinite.

HISTORY AND ORGANIZATION: Founded and incorporated in 1848 in Massachusetts. *Scientific and Technical*

Committees: Editorial; Fruit Gardens; Germ Plasm Preservation; History of Pomology; Tropical and Subtropical Fruits; Trueness-to-Name Nursery Program; Variety Nomenclature.

PURPOSE: To (1) advance the science and art of pomology; (2) be concerned with fruit variety improvement.

MEMBERSHIP: Individual (600); Society (10); Industrial (25); Subscriptions (150).

MEMBERSHIP SERVICES: Register of fruit varieties; plant material exchange; nursery inspection.

MEETINGS: Annual (December or January).

PROFESSIONAL ACTIVITIES: *Research:* North American Apples; History of Pomology in North America. *Prizes and Awards:* Bregger Award, annual, best college paper on fruit breeding; Paul Howe Shepard Award, best paper in volume of *Fruit Varieties and Horticultural Digest*; Wilder Medal Award, to outstanding men in pomology (horticulture) and to outstanding fruit varieties.

PUBLICATIONS: *Fruit Varieties and Horticultural Digest*, four issues per year, current volume: 25, \$5. Editor: George M. Kessler.

158 AMERICAN PROCTOLOGIC SOCIETY. 320 West Lafayette, Detroit, Mich. 48226. (313) 961-7880. President: Walter Birnbaum. Term expires May 1971. President-Elect: Andrew J. McAdams. Secretary: John E. Ray. Term expires May 1971. Treasurer: John H. Remington. Term expires May 1971. Administrative Secretary: Harriette Gibson.

HISTORY AND ORGANIZATION: Founded in 1899 in Columbus, Ohio, with 12 charter members. Incorporated 1947 in Delaware. *Scientific and Technical Committees:* Education; Bylaws; Scientific Work and Program. *Relationship with Other Societies:* Represented on the Board of Governors and Advisory Council for Proctology of the American College of Surgeons; played a major role in the formation of the American Board of Colon and Rectal Surgery; founded American Proctologic Society Research Foundation in 1957.

PURPOSE: To facilitate the investigation and dissemination of knowledge relating to the colon, rectum and anus, and particularly the publication of this knowledge and investigation of medical and surgical treatment pertaining thereto.

MEMBERSHIP: Fellow (270), three years Associate Fellow, Board certified, practice limited to proctology; Associate Fellow (284), two years Affiliate membership (unless Board certified), special interest in proctology; Affiliate (181), graduate of approved medical school, interest in proctology.

MEMBERSHIP SERVICES: Clearinghouse for members seeking positions or associates.

MEETINGS: Annual (April, May or June).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* The Hermance Plaque, annual, best scientific paper submitted by Associate Fellow or Affiliate.

PUBLICATIONS: *Diseases of the Colon & Rectum*, bimonthly, current volume: 14, \$14 (U.S.), \$16 (foreign). Editor: John R. Hill.

159 AMERICAN PSYCHIATRIC ASSOCIATION. 1700 18th Street, N.W., Washington, D.C. 20009. (202) 232-7878. President: Ewald W. Busse. Term expires May 1972. Secretary: George Tarjan. Term expires May 1972. Treasurer: Hayden H. Donahue. Term expires May 1972. Medical Director: Walter E. Barton.

HISTORY AND ORGANIZATION: The oldest national medical society in the United States, founded in Philadelphia in 1844

as the Association of the Medical Superintendents of American Institutions for the Insane. In 1892 it became the American Medico-Psychological Association. In 1921, the present name of the organization was adopted. Incorporated 1927 in the District of Columbia. *Geographic Divisions:* Six geographical areas; 65 district branches. *Scientific and Technical Committees:* Medical Education and Career Development; Mental Health Services; Research and Development; National Affairs and Social Issues; International Affairs, Professions and Associations.

PURPOSE: To (1) work together for more effective application of psychiatric knowledge to combat the mental illnesses; (2) promote mental health of all citizens; (3) improve the treatment, rehabilitation, and care of the mentally ill, the mentally retarded and the emotionally disturbed; (4) promote research, professional education in psychiatry and allied fields, and the prevention of psychiatric disabilities; (5) advance the standards of all psychiatric services and facilities; (6) foster the cooperation of all who are concerned with the medical, psychological, social, and legal aspects of mental health and illness; (7) make psychiatric knowledge available to other practitioners of medicine, to other scientists, and to the public.

MEMBERSHIP: Fellow (3,989), General member for five years, a constructive influence in the Association and in community, ability in clinical work; General (8,981), M.D., completed graduate residency training in psychiatry in approved center, competence and promise in field; Associate (2,634), M.D., completed at least one year of training in psychiatry, not eligible for General member or Member-in-Training; Member-in-Training (464), resident in psychiatry, eligible after first year of training, may not retain status for longer than five years; Life (168), 30 years a General member; Life Fellow (676), 30 years a Fellow; Distinguished Fellow (18), physician or other scientist with outstanding contributions to psychiatry; Honorary Fellow (29), nonphysician who has rendered signal service to the promotion of mental health and psychiatry.

MEMBERSHIP SERVICES: Lists to members; certification of qualifications; curriculum for psychiatry in medical education; standards of residency training; standards for psychiatric facilities; standard classification for mental disease; continuing education.

MEETINGS: Annual (May); Institute on Hospital and Community Psychiatry (September).

PROFESSIONAL ACTIVITIES: *Research:* Continuing education for psychiatrists; Joint Information Service study of community mental health programs; manpower statistics; physician education and psychiatric education; insurance plans and psychiatric care. *Educational:* Education of primary physicians; self-assessment program and continuing education for psychiatrists; conference on medical education and residency training; Falk Fellowships for psychiatric residents. *Prizes and Awards:* Distinguished Service Award, annual; Eldredge Award, research in neuroses and mental retardation; Vestermark Award, annual, outstanding contributions to psychiatry education; Hofheimer Prize Award, annual, distinguished research in psychiatry; McGavin Award, outstanding contributions to prevention of emotional disorders in children; Robert Morse Writer's Award, annual, to outstanding science writer.

PUBLICATIONS: *American Journal of Psychiatry*, monthly, current volume: 127, \$12. Editor: Francis J. Braceland. *Hospital and Community Psychiatry*, monthly, current volume: 22, \$9. Editor: Donald W. Hammersley. *Psychiatric News*, semi-monthly, current volume: 6, \$6. Editor: Robert L. Robinson.

160 AMERICAN PSYCHOLOGICAL ASSOCIATION. 1200 17th Street, N.W., Washington, D.C. 20036. (202) 296-7310. President: Kenneth B. Clark. Term expires October 1971 or January 1972. President-Elect: Anne Anastasi. Secretary: Wilbert J. McKeachie. Term expires 1973. Treasurer: William McGhee. Term expires 1972. Executive Officer: Kenneth B. Little.

HISTORY AND ORGANIZATION: Founded 1892 in Philadelphia. Incorporated, 1925 in the District of Columbia. *Specialty Divisions:* General Psychology; Teaching of Psychology; Experimental Psychology; Evaluation and Measurement; Physiological and Comparative Psychology; Developmental Psychology; Personality and Social Psychology; The Society for the Psychological Study of Social Issues; Psychology and the Arts; Clinical Psychology; Consulting Psychology; Industrial Psychology; Educational Psychology; School Psychology; Counseling Psychology; Psychologists in Public Service; Military Psychology; Adult Development and Aging; The Society of Engineering Psychologists; Psychological Aspects of Disability; Consumer Psychology; Philosophical Psychology; Experimental Analysis of Behavior; History of Psychology; Community Psychology; Psychopharmacology; Psychotherapy; Psychological Hypnosis; State Psychological Association Affairs. *Scientific and Technical Committees:* Task Forces on Status of Women in Psychology, Crime - Delinquency and Social Disorders, Behavioral Classification, Standards for Service Facilities, National Health Care, Evaluation of Therapeutic Procedures, Manpower Demands and Training Implications, Masters Level Education, Psychology - Family Planning and Population Policy; Boards on Policy and Planning, Publications, Education and Training, Professional Affairs, Scientific Affairs; Committees on Constitutional Issues, International Relations in Psychology, Communications, Equality of Opportunity in Psychology, Films and Displays, Operations, Program Innovations, Research and Evaluation, Pre-college Psychology, Accreditation, Advisory Services for Education, Academic Freedom and Conditions of Employment; Assessment; State Legislation, Health Insurance, Practice of Clinical Psychology, Relations with Other Professions, Precautions and Standards in Animal Experimentation, Psychological Tests, Scientific Awards; Advisory Panel on Children and Youth; Commission on Mechanisms. *Relationship with Other Societies:* The Association sends representatives to International Union of Psychological Science, United States Commission for UNESCO, National Indexing and Abstracting Services, National Commission of Accrediting, Scientific Manpower Commission, American Association of Marriage Counselors, International Society for Rehabilitation of the Disabled, National Parents and Teachers Association Project on Emotional Health of Children, National Society for Crippled Children and Youth, World Federation for Mental Health, American Association for the Advancement of Science, Inter-Society Color Council, American Council on Education, National Research Council, National Society for Medical Research and the Social Science Research Council. The Society for Psychological Study of Social Issues and the Society of Engineering Psychologists both have independent existences as well as being substantive divisions of the Association.

PURPOSE: To (1) advance psychology as a science and as a means of promoting human welfare by the encouragement of psychology in all its branches in the broadest and most liberal manner; (2) promote research in psychology and the improvement of research methods and conditions; (3) improve the qualifications and usefulness of psychologists through high

standards of professional ethics, conduct, education, and achievement; (4) increase psychological knowledge through meetings, professional contacts, reports, papers, discussions, and publications; (5) apply research findings to the promotion of the public welfare.

MEMBERSHIP: Fellow (2,805). Doctoral degree in psychology, five years postdoctoral qualifying experience, nomination by a Division of which he is a Member, evidence of outstanding and unusual contribution to psychology; Member (21,502). Doctoral degree in psychology, engagement in study or professional work that is primarily psychological in nature; Associate (6,532). Master's degree in psychology plus one year of experience in psychological work or two full years of graduate study in psychology (50-60 semester hours), engaged in study or work of a psychological nature.

MEMBERSHIP SERVICES: Placement service and employment bulletin; annual graduate department program descriptions; biographical directory and member registers; accreditation of professional programs and field training centers.

MEETINGS: Annual (September).

PROFESSIONAL ACTIVITIES: *Research:* National information system in psychology; scientific register; Michigan Survey Project, etc.; study of undergraduate psychology programs; analysis of demographic characteristics of psychologists. *Prizes and Awards:* Distinguished Scientific Contribution Award, three annually.

PUBLICATIONS: *American Psychologist*, monthly, current volume: 26, \$10. Editor: Charles S. Gersoni. *Contemporary Psychology: A Journal of Reviews*, monthly, current volume: 16, \$10. Editor: Gardner Lindzey. *Journal of Abnormal Psychology*, bimonthly, current volume: 77, 78, \$20. Editor: Donald R. Peterson. *Journal of Applied Psychology*, bimonthly, current volume: 55, \$10. Editor: Edwin A. Fleishman. *Journal of Comparative and Physiological Psychology*, monthly, current volume: 74, 75, 76, 77, \$40. Editor: Eliot Stellar. *Journal of Counseling Psychology*, bimonthly, current volume: 18, \$10. Editor: Ralph Berdie. *Journal of Consulting and Clinical Psychology*, bimonthly, current volume: 36, 37, \$10. Editor: Jules Holtzberg. *Journal of Educational Psychology*, bimonthly, current volume: 62, \$10. Editor: Wayne H. Holtzman. *Journal of Experimental Psychology*, monthly, current volume: 87, 88, 89, 90, 91, \$40. Editor: David A. Grant. *Journal of Personality and Social Psychology*, monthly, current volume: 17, 18, 19, 20, \$30. Editor: John Lanzetta. *Psychological Abstracts*, monthly, current volume: 45, 46, \$40. Editor: H. P. Van Cott. *Psychological Bulletin*, monthly, current volume: 75, 76, \$20. Editor: James Deese. *Psychological Review*, bimonthly, current volume: 78, \$10. Editor: George Mandler. *Developmental Psychology*, bimonthly, current volume: 4, 5, \$10. Editor: Boyd R. McCandless. *Professional Psychology*, quarterly, current volume: 2. Editor: Donald K. Freedheim. *APA Monitor*, monthly. Editor: James Warren. *Proceedings of the Annual Convention of the American Psychological Association*, annual. *American Psychological Association Biographical Directory*, alternates with Membership Register. Editor: John A. Lazo. *American Psychological Association Membership Register*. Editor: John A. Lazo. *Graduate Studies in Psychology*, annual.

161 AMERICAN PSYCHOPATHOLOGICAL ASSOCIATION, INC. Address communications to: Alfred Freedman, President, 5 East 102nd Street, New York, N.Y. President: Alfred Freedman. Term expires February 1972. President-Elect:

Henry Brill. Secretary: Charles Shagass. Term expires February 1972.

HISTORY: Founded 1910 in New York City.

PURPOSE: To advance the science of psychopathology.

MEMBERSHIP: Limited to 250, by invitation only to those individuals who have made substantial contributions in the field of psychopathology. Life, those who have been active members for over 15 years; Honorary, for American and foreign scientists who have made distinguished contributions in the field.

MEETINGS: Annual (Winter).

PROFESSIONAL ACTIVITIES: *Educational:* Two-day annual meeting devoted to a specific topic in the field. *Prizes and Awards:* Paul H. Hoch Memorial Lecture and Award, to a distinguished worker in psychopathology who presents a lecture on some subject in the field.

PUBLICATIONS: *Comprehensive Psychiatry*. Editor: Fritz A. Freyhan. Papers presented at the Annual Scientific Meetings, annual.

162 AMERICAN PSYCHOSOMATIC SOCIETY, INC. 265 Nassau Road, Roosevelt, N.Y. 11575. President: Herbert Weiner. Term expires April 1972. Secretary-Treasurer: Alvin P. Shapiro.

HISTORY: Organized in 1943 as the American Society for Research in Psychosomatic Problems. Incorporated January 1944. Name changed to present title May 1948.

PURPOSE: To stimulate the investigation of psychosomatic problems.

MEMBERSHIP: Regular, scientists in biological, psychological and sociological disciplines and workers in cognate fields who teach, practice or participate in investigations of psychosomatic relationships and who are duly recognized and qualified representatives of their respective specialties; Emeritus, at 65 years of age or earlier where circumstances such as retirement, illness and the like justify such action; Corresponding, outstanding leaders in the study of psychosomatic relationships in communities outside the U.S. and Canada; Honorary, persons whose research and training give them exceptional eminence in the study of psychosomatic relationships from the disciplines represented in the Society. Total membership 675.

MEETINGS: Annual.

PUBLICATIONS: *Psychosomatic Medicine*, bimonthly, current volume: 33. Editor: Morton F. Reiser.

163 AMERICAN PUBLIC HEALTH ASSOCIATION, INC. 1740 Broadway, New York, N.Y. 10019. (212) 245-8000. President: P. Walton Purdom. Term expires October 1971. President-Elect: Myron E. Wegman. Treasurer: Marion L. Henry. Executive Director: James R. Kimmey.

HISTORY AND ORGANIZATION: Established September 12, 1872 at Long Branch, New Jersey. Became international in 1884. Incorporated May 9, 1918 in Massachusetts. *Geographic Divisions:* Two. *Specialty Divisions:* Sections on Health Administration, Laboratory, Statistics, Environment, Occupational Health, Food and Nutrition, Maternal and Child Health, Public Health Education, Epidemiology, Dental Health, Mental Health, Community Health Planning, Public Health Nursing, School Health, Medical Care, Radiological Health, Social Work and Veterinary Public Health. *Scientific and Technical Committees:* Councils on Disease Prevention and Control, Environment, Health Manpower, Laboratory Standards and Practices, Personal Health Services, Population and International Health; Councils of each of the Specialty Sections.

PURPOSE: To protect and promote personal and environmental health by exercising leadership with health professionals and the general public in health policy development and action, with particular focus on the interrelationship between health and the quality of life, on developing a national policy for health care and services and on solving technical problems.

MEMBERSHIP: Individual (20,840), interest in and/or affiliation in personal, environmental and mental health; Fellow (4,957), two years membership plus five years in public health work; Sustaining (36), business firms interested in promoting the goals of the Association; Agency (191), nonprofit agencies in health field.

MEMBERSHIP SERVICES: Professional placement service; book service.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Agency for International Development (AID) Project, analyzes and demonstrates the role of voluntary health agencies and professional associations in foreign nations; another AID project gives technical and consultation assistance to foreign nations in the field of population and family planning. Community Health Action Planning Services offers help to government and voluntary agencies and to private organizations involved in aspects of community health action program; Division of Health Professions Programs provides accreditation of schools of public health and graduate programs in community health education; establishment of criteria and guidelines for schools of public health. *Prizes and Awards:* Sedgewick Memorial Medal, annual, distinguished service in public health; Bronfman Prizes for Public Health Achievement, annual; Martha May Eliot Award, annual, unusual achievement in field of maternal and child health; Presidential Citation, occasional, to outstanding persons not professionally engaged in public health for extraordinary contribution to the field.

PUBLICATIONS: *American Journal of Public Health*, monthly, current volume: 61, \$20. Editor: George Rosen. *The Nation's Health*, monthly, \$20. Editor: Patrick Flanagan. *Health Laboratory Science*, quarterly, current volume: 9, \$6. Editor: Elizabeth Robinton. *Medical Care*, 6 issues per year, current volume: 9, \$14. Editor: Donald C. Riedel. *Washington Newsletter*, 9 issues per year, \$40. Editor: Noble Swearingen.

164 AMERICAN RHINOLOGIC SOCIETY. 530 Hawthorne Place, Chicago, Ill. 60657. (312) 271-1678. President: Charles A. Tucker. Term expires Fall 1971. President-Elect: Pat A. Barelli. Secretary: G. H. Drumheller. Term expires Fall 1971. Treasurer: George G. Fischer. Term expires Fall 1971.

HISTORY AND ORGANIZATION: Formed in 1954 in Chicago, Illinois by Dr. M. H. Cottle. *Geographic Divisions:* Three. *Scientific and Technical Committees:* Educational. *Relationship with Other Societies:* Fellow of International Rhinologic Society, European Rhinologic Society and Argentine Rhinologic Society.

PURPOSE: To (1) provide a forum for the exchange of knowledge and experience among accredited rhinologists and other physicians and scientists interested in rhinologic problems; (2) spread scientific knowledge of these problems among the rhinologists and other physicians of America and other countries; (3) increase as far as practical the benefits to be derived from efficient training in the art, responsibilities and duties of rhinologists; (4) engage in and to encourage and promote medical research and experimental work of all kinds and to help in every way in bringing such work to the notice of the medical profession and the general public, if warranted; (5)

devote any available income in excess of cost of operation, and any other available resources to research and educational projects; (6) explore and promulgate progress in teaching of rhinologic medicine and surgery at undergraduate and postgraduate levels.

MEMBERSHIP: Regular (230), a physician in good standing, diplomate of the American Board of Otolaryngology or its equivalent, with additional training and interest in the study of medical and/or surgical rhinology for at least three years; Associate (42), a physician studying the science of rhinology, eligible for regular membership after two years of continued interest and training in rhinology; Honorary (10), distinguished attainment in rhinology or allied sciences; Charter (45), became member during 1955.

MEMBERSHIP SERVICES: Advanced surgical seminars.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Research in rhinology (Cottle Fund for Medical Research and Education). *Educational:* Three courses (1971) on Reconstructive Surgery of the Nasal Septum. *Prizes and Awards:* The Golden Head Mirror Honor Award, contribution in research and education in rhinology.

PUBLICATIONS: *Journal of International Rhinology*, annual, current volume: 8, free to members. Editor: Pieter Schmidt.

AMERICAN ROCKET SOCIETY. See AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS.

165 AMERICAN ROENTGEN RAY SOCIETY. *Address communications to:* Ted F. Leigh, Secretary, Emory University Clinic, Atlanta, Ga. 30322. (404) 377-2411. President: John F. Roach. President-Elect: Thomas M. Fullenlove. Secretary: Ted F. Leigh. Treasurer: Colin B. Holman.

HISTORY: Organized in 1900 as the Roentgen Society of the United States. Name changed to present form in 1906. Incorporated 1922 in the District of Columbia.

PURPOSE: To advance medicine through the science of radiology.

MEMBERSHIP: Active (900), graduates of an approved medical college, active in radiology in U.S. or Canada for eight years; Associate (11), distinguished in some division of science related to radiology; Life (15), chosen from Active members for service to the Society; Corresponding (8), radiologists residing in foreign countries; Honorary (9), nonradiologists who have rendered valuable service to the science of radiology; Emeritus (100), age 65 or retired from active practice.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Instruction courses at annual meeting; fellowships awarded to the Registry of Radiologic Pathology of the Armed Forces Institute of Pathology. *Prizes and Awards:* Medals and certificates of merit, annual, for outstanding scientific exhibits at annual meeting.

PUBLICATIONS: *American Journal of Roentgenology, Radiotherapy and Nuclear Medicine*, monthly, current volume: 111, \$25. Editor: Traian Leucutia.

AMERICAN SANATORIUM ASSOCIATION. See AMERICAN THORACIC SOCIETY.

166 AMERICAN SCHOOL HEALTH ASSOCIATION. 107 South Depeyster Street, Kent, Ohio, 44240. (216) 678-1601. President: Edwin J. McClendon. Term expires October 1971. President-Elect: Helen Brophy. Treasurer: Wilfred C. Sutton. Term indefinite. Executive Director: Glenn R. Knotts.

HISTORY AND ORGANIZATION: Established in 1927 in Albany, New York as the American Association of School Physicians. Headquarters moved to Kent, Ohio in 1937. Name changed to present form in 1938. Incorporated in Illinois in 1962. *Scientific and Technical Committees:* Dental Health; Drugs; Eye Health; Health Careers and Manpower; Health Guidance in Sex Education; Health Problems in Physical Education and Athletics; Mental Health; School Nursing; Nutrition; Professional Preparation in Health Education; Safety; School Health Education; School Physicians; Tuberculosis. *Relationship with Other Societies:* Affiliated societies include the American Association for Health, Physical Education, and Recreation, the New York Dental Hygiene Teachers, New Jersey School Nurses, New York School Nurse-Teachers, New York School Physicians, New York Supervising Dentists, Massachusetts School Physicians, Kansas State Advisory Council and the Illinois Association of School Nurses; constituent societies include the Michigan School Health Association, California School Health Association, Kansas School Health Association and the West Virginia School Health Association.

PURPOSE: To promote comprehensive and constructive school health programs, including the teaching of health, health services and healthful school living.

MEMBERSHIP: Member (18,000), interest and responsibility in school health; Fellow (2,000), by election.

MEMBERSHIP SERVICES: Professional recognition, exchange of ideas, professional identity, professional activity, standard setting policies, resource materials, consultative services and opportunity for publication.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research:* Areas of current research are those indicated by the titles of the scientific and technical committees. *Educational:* Seminars; lectures; annual convention; workshops; Elizabeth A. Neilson Award, annual, graduate student scholarship. *Prizes and Awards:* William A. Howe Award, annual, the Association's highest award for school health service; Distinguished Service Award, annual, outstanding service.

PUBLICATIONS: *Journal of School Health*, ten issues per year, current volume: 41, \$15. Editor: Delbert Oberteuffer.

167 AMERICAN SCIENCE FILM ASSOCIATION. *Address communications to:* Malcolm S. Ferguson, Executive Vice President, Room 154, National Library of Medicine, Bethesda, Md. 20014. President: Donald A. Benjamin. Term indefinite. Executive Vice-President: Malcolm S. Ferguson. Term indefinite. Treasurer: J. Edwin Foster. Term indefinite.

HISTORY: Organized March 24, 1960 in Washington, D.C. as an outgrowth of an interdisciplinary science film meeting held at the National Academy of Science-National Research Council in December 1958. Incorporated in Michigan November 20, 1961.

PURPOSE: To advance science through the use of motion pictures, television and other related media as tools of research, as means of communicating results of research, as instruments for science education, and for the public understanding of science.

MEMBERSHIP: Individual; Non-Profit Institutional; Corporate; Sustaining.

MEMBERSHIP SERVICES: Information services relating to the production, cataloging, evaluation, distribution and utilization of science audio-visual media.

MEETINGS: Occasional.

PROFESSIONAL ACTIVITIES: *Research:* Under the U.S.-Japan Cooperative Science Program, high quality science films are

being exchanged between the two countries. This Exchange Project is sponsored by the National Science Foundation and administered by the American Science Film Association. The films are critically evaluated to determine their acceptance and usefulness in science education in schools and colleges.

PUBLICATIONS: *ASFA Notes*, bimonthly. Editor: Layton Mabrey.

AMERICAN SCIENCE TEACHERS ASSOCIATION. See NATIONAL SCIENCE TEACHERS ASSOCIATION, INC.

168 THE AMERICAN SCIENTIFIC GLASSBLOWERS SOCIETY. 309 Georgetown Avenue, Wilmington, Del. 19809. (302) 798-4498. President: Jonathan W. Seckman. Term expires May 1971. President-Elect: William A. Gilhooley. Secretary: Earl R. Nagle. Term expires May 1972. Treasurer: Karl H. Walther. Term expires May 1971. Executive Secretary: George A. Sites. Term indefinite.

HISTORY AND ORGANIZATION: Founded in Wilmington, Delaware in 1952. Incorporated 1954 in Delaware. *Geographic Divisions:* Fifteen. *Scientific and Technical Committees:* Safety and Hazards; Methods and Materials; Audio Visual.

PURPOSE: To gather and disseminate knowledge concerning scientific glassblowing, apparatus, equipment and material by holding regular meetings for its members, discussing problems and methods of construction and supplying information on safety and professional hazards.

MEMBERSHIP: Regular (750), for five consecutive years have gained the major portion of income through the art of scientific glassblowing; Junior (50), actively engaged in scientific glassblowing with less than five years experience; Associate (125), close association with glassblowers or interest in the glassblowing field.

MEETINGS: Annual (June).

PUBLICATIONS: *Fusion*, quarterly, current volume: 18, \$4. Editor: George A. Sites. *Proceedings of Annual Symposium on the Art of Glassblowing*, annual, current volume: 15, price determined annually.

169 AMERICAN SOCIETY FOR ARTIFICIAL INTERNAL ORGANS. 3600 Spruce-633 Maloney, Philadelphia, Pa. 19104. President: John P. Merrill. Term expires April 1971. President-Elect: Eugene F. Bernstein. Secretary-Treasurer: Edward F. Leonard. Term expires April 1972. Executive Secretary: Karen E. Kurtz.

HISTORY AND ORGANIZATION: Established June 1955 in Atlantic City, New Jersey. *Scientific and Technical Committees:* Standards and Specifications; Program; Historical.

PURPOSE: To promote the increase of knowledge about artificial internal organs and of their utilization.

MEMBERSHIP: Active, significant contribution to artificial organs field, resident of North America; Associate, significant contribution to artificial organs field, resident of another continent; Corporate, corporation or foundation interested in Society's purposes.

MEETINGS: Annual (April).

PUBLICATIONS: *Transactions of the American Society for Artificial Internal Organs*, annual, current volume: 16, \$15. Editor: George E. Schreiner.

170 THE AMERICAN SOCIETY FOR CELL BIOLOGY. Address communications to: George D. Pappas, Secretary, Department of Anatomy, Albert Einstein College of Medicine, Bronx, N.Y. 10461. (212) 430-2195. President: Saul Kit.

Term expires January 1972. President-Elect: Daniel Mazia. Secretary: George D. Pappas. Term expires January 1974. Treasurer: T.C. Hsu. Term expires January 1972.

HISTORY: Formed in 1960. Incorporated July 1, 1961 in New York State.

PURPOSE: To promote and develop the field of cell biology.

MEMBERSHIP: Regular (1,100); Subscribing (900); Student (25). Membership is open to scientists who share the stated purpose of the Society and who have educational or research experience in cell biology or an allied field.

MEMBERSHIP SERVICES: Placement service.

MEETINGS: Annual (November).

PUBLICATIONS: *Journal of Cell Biology*, monthly, current volume: 48, \$45 (members), \$90 (nonmembers). Editor: Raymond B. Griffiths. *Abstracts of Papers Presented at the Annual Meeting, The American Society for Cell Biology*, annual. Editor: G. D. Pappas. *Directory, Constitution and By-laws*, annual. Editor: G. D. Pappas.

171 AMERICAN SOCIETY FOR CLINICAL INVESTIGATION. Address communications to: Paul Calabresi, Secretary-Treasurer, Roger Williams General Hospital, 825 Chalkston Avenue, Providence, R.I. 02908. President: Paul A. Marks. Term expires May 1972. Secretary-Treasurer: Paul Calabresi. Term expires May 1974.

HISTORY: Founded in 1909 in Atlantic City, New Jersey as the American Society for the Advancement of Clinical Investigation. Named changed to present title in 1916.

PURPOSE: To (1) advance medical science; (2) cultivate clinical research by the methods of the natural sciences; (3) correlate science with the art of medical practice; (4) encourage scientific investigation by the medical practitioner; (5) diffuse a scientific spirit among its members; (6) publish for national and international distribution, on subscription, the papers on the methods and results of clinical research.

MEMBERSHIP: Active (474), physicians residing in the U.S. and Canada who have accomplished meritorious, original, creative and independent investigation in the clinical or allied sciences of medicine; Emeritus (853), members over 45 years of age.

MEETINGS: Annual (May).

PUBLICATIONS: *Journal of Clinical Investigation*, monthly, current volume: 50, \$45. Editor: DeWitt S. Goodman.

172 AMERICAN SOCIETY FOR CLINICAL PHARMACOLOGY AND THERAPEUTICS. 1718 Gallagher Road, Norristown, Pa. 19401. (215) 277-3831. President: Henry W. Elliott. Term expires June 1971. President-Elect: Montague Lane. Secretary-Treasurer: Richard T. Smith. Term indefinite.

HISTORY AND ORGANIZATION: American Therapeutic Society was established on May 1, 1900. American Society of Clinical Pharmacology and Chemotherapy was created on January 24, 1963. The two societies merged December 8, 1969, becoming the American Society for Clinical Pharmacology and Therapeutics. Incorporated 1969 in Washington, D.C. *Specialty Divisions:* Cardiovascular and Pulmonary Diseases; Dermatologic and Allergic Diseases; Endocrine Drugs; Gastrointestinal and Liver Diseases; Hematologic and Neoplastic Diseases; Infectious and Rheumatic Diseases; Medico-Legal Matters and R&D Administration; Neuropsychiatric Diseases and CNS Active Drugs; Pediatric Pharmacology; Quantitative Methodology; Renal Diseases. *Relationship with Other Societies:* Scientific Program arrangements for American Medical Association (AMA), Section on Clinical Pharmacology and Therapeutics.

PURPOSE: To (1) promote and advance the science of human pharmacology and therapeutics, and in so doing to maintain the highest standards of research, education and exchange of scientific information; (2) stimulate teaching of human pharmacology; (3) provide consultation and advice for the better evaluation of the biochemistry, clinical pharmacology, safety, and therapeutic efficacy of drugs and other therapeutic measures; (4) act as an advisory body; (5) provide for additional educational and scientific activities.

MEMBERSHIP: Active (894), M.D. degree with demonstrated interest in clinical pharmacology and therapeutics; Candidate (7), member in training; Emeritus (46), member over 65 years of age.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Adjunct programs; *AMA* program; symposia; workshops and research seminars. *Prizes and Awards:* Oscar B. Hunter Memorial Award, annual, outstanding contribution to clinical pharmacology and therapeutics.

PUBLICATIONS: *Clinical Pharmacology and Therapeutics*, bi-monthly, \$14 (members). Editor: Walter Modell.

173 AMERICAN SOCIETY FOR ENGINEERING EDUCATION. One Dupont Circle, Suite 400, Washington, D.C. 20036. (202) 293-7080. President: Harold A. Bolz. President-Elect: Joseph M. Pettit. Treasurer: Carl H. Hough. Term expires June 1971. Executive Director: Leslie B. Williams.

HISTORY AND ORGANIZATION: Originated in 1893 as the Society for the Promotion of Engineering Education. Merged with the Engineering College Research Association in June 1946 to form the American Society for Engineering Education (ASEE). Incorporated 1943 in Pennsylvania. *Geographic Divisions:* Twelve sections. *Specialty Divisions:* Aerospace; Agricultural Engineering; Architectural Engineering; Chemical Engineering; Civil Engineering; Electrical Engineering; Engineering Design Graphics; Environmental Engineering; Industrial Engineering; Materials; Mathematics; Mechanical Engineering; Mechanics; Mineral Engineering; Nuclear Engineering; Continuing Engineering; Cooperative Education; Educational Research and Methods; Engineering Economy; Engineering School Libraries; Graduate Studies; Instrumentation; International; Liberal Studies; Physics; Relations with Industry; Technical Institute. *Scientific and Technical Committees:* Biomedical Engineering; Energy Conversion; Ocean Engineering; Textile Engineering; Ethics and Legal Phases. *Relationship with Other Societies:* Member of the Engineers Joint Council; participating body of the Engineers Council for Professional Development; associate member of the Alliance for Engineers in Medicine and Biology; member of the American Association for the Advancement of Science; member of the American Council on Education; participating society of the World Federation of Engineering Organizations.

PURPOSE: To advance education in all of its functions which pertain to engineering and allied branches of science and technology, including the processes of teaching and learning, counseling, research, extension services, and public relations.

MEMBERSHIP: Individual (1,250), responsible position in engineering instruction, research or practice, or demonstrated interest in same; Institutional (600), higher education institutions, organizations comprised of engineers and organizations employing engineers.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research:* Study of mid-level technical education in Central America and Columbia; study

of engineering technology education. *Educational:* ASEE/Ford Foundation Resident Fellow Program, a program of residencies in industry and government to provide young engineering faculty members with practical engineering experience; Faculty Interchange Project; Visiting Engineer Program; National Aeronautics and Space Agency-ASEE Summer Faculty Fellowship Program for engineering educators. *Prizes and Awards:* Lamme Award, annual, excellence in teaching and contributions to the art of teaching, contributions to research and technical literature, achievements which contribute to the advancement of the profession; George Westinghouse Award, \$1,500, excellence and effective innovation in engineering teaching; Western Electric Fund Awards, \$1,000, excellence in the instruction of engineering students; Vincent Bendix Award, annual, outstanding and sustained research contributions of original thought or administrative leadership to a staff member of a U.S. engineering college; Curtis McGraw Research Award, annual, \$1,000, outstanding early achievements by young engineering college research workers; Arthur L. Williston Awards, \$250 and \$150, significant contributions to literature related to the education of the engineering technician; James H. McGraw Award, \$500, outstanding service in technical institute education; George O. Hays Award, annual, \$1,000, outstanding contributions in the role of advisor to the staff of an engineering student magazine; Chemical Engineering Division Lectureship Award, annual, \$1,000, outstanding achievement in an important field of fundamental chemical engineering theory or practice; Frederick Emmons Terman Award, annual, \$1,000, contributions by outstanding young electrical engineering educator; G. Edwin Burks Award, \$1,000, to a mechanical engineering educator who is an outstanding teacher and who has made a notable professional contribution; Honorary Membership, eminent service to mankind in engineering education or other engineering fields; ASEE-Distinguished Lectureship, annual, \$400, an outstanding and highly regarded authority to speak on a subject of his choice related to engineering education; Distinguished and Unusual Service; Eugene L. Grant Award, annual, best paper published in the *Engineering Economist*; Engineering Design Graphics Division Award, distinguished services rendered by a teacher of engineering graphics; Educational Research and Methods Division Eminent Lectureship, \$500, a lengthy research paper on the implication of a new frontier of knowledge for the improvement of engineering education; Outstanding Young Faculty Awards, annual, sends one young faculty member from each of the 12 ASEE sections to the annual conference; ASEE George Westinghouse Environmental Student Awards, first prize \$1,000, three runners-up prizes \$250 each, solutions to, or contributions to the solution of, technological problems of environment.

PUBLICATIONS: *Engineering Education*, \$16 (U.S. and Canada), \$18 (foreign). *Chemical Engineering Education*, quarterly. *Engineering Economist*, quarterly. *Educational Research and Methods*, quarterly. *Engineering Design Graphics Journal*, tri-annual. *Mechanical Engineering News*, quarterly.

174 AMERICAN SOCIETY FOR EXPERIMENTAL PATHOLOGY. 9650 Rockville Pike, Rockville, Md. 20014. (301) 530-3247. President: T. D. Kinney. Term expires June 1972. Secretary-Treasurer: Robert A. Good. Executive Officer: Ralph E. Knutti.

HISTORY AND ORGANIZATION: Founded in 1913. Became a member of Federation of American Society for Experimental Biology in 1914. Incorporated 1950 in New York. *Scientific*

and Technical Committees: Meritorious Awards; Publications and Public Information.

PURPOSE: To (1) engage exclusively in educational and scientific activities in experimental pathology; (2) hold annual or other meetings at which scientific papers are presented; (3) arrange for the publication and dissemination of such papers or abstracts thereof; (4) bring the productive investigators in experimental pathology into closer affiliation with the workers in the other fields of experimental medicine.

MEMBERSHIP: Active (1,143), any American investigator who through the use of experimental methods has, within three years prior to his candidacy, contributed meritorious work in pathology; Emeritus (61), retired or active membership for 20 years; Honorary (3), distinguished investigators in experimental pathology.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Parke Davis Award, annual, meritorious research in experimental pathology by person under 40 years of age.

PUBLICATIONS: *American Journal of Pathology*, (shared with American Association of Pathologists and Bacteriologists), monthly, current volume: 62, \$13.75. Editor: Thomas B. Kinney.

175 AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE. P.O. Box 109, 914 Main Street, St. Joseph, Mich. 49085. (616) 983-6723. President: Alvin L. Kinworthy. Term expires August 1971. President-Elect: John P. Mahlsted. Executive Director: Cecil Blackwell. Term indefinite.

HISTORY AND ORGANIZATION: Established 1903 in Boston, Massachusetts, Incorporated 1961 in Washington, D.C. *Geographic Divisions:* Five regional groups; thirty-five collegiate branch clubs. *Specialty Divisions:* Pomology; Vegetable Crops; Floriculture, Ornamental and Landscape Horticulture; Post-harvest Horticulture; Education; Extension. *Scientific and Technical Committees:* Publications; Education; Collegiate Activities; Extension Activities; International Horticultural Relations; Fruit Breeding; Vegetable Breeding; Varieties; Mineral Nutrition of Horticultural Crops; eleven special and eight ad hoc committees. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences; has representatives to and cooperates with the American Horticultural Society, American Society of Agronomy, International Society for Horticultural Science, National Junior Horticultural Association, American Institute of Biological Sciences, American Association for the Advancement of Science, National Research Council-National Academy of Sciences, Agricultural Research Institute, American National Standards Institute, Council on Pesticide Application, Council on Fertilizer Application and the Council on Soil and Plant Analysis.

PURPOSE: To promote and encourage national and international interest in scientific research and education in horticulture in all its branches through discussions of horticultural research and education at annual and regional meetings, publications and dissemination of horticultural knowledge, leadership in national and international horticultural matters, and cooperation with individuals and other organizations concerned with the science of horticulture.

MEMBERSHIP: Open to any person or business firm interested in promoting the objectives of the Society and participating in its activities. Fellows are elected from the eligible membership by the Executive Committee in recognition of outstanding service to horticulture. Active; Associate; Sustaining; Graduate

Student; Undergraduate Student; Emeritus; Fellow. Total membership 3,312.

MEMBERSHIP SERVICES: Placement service, visual aids service, public relations activities.

MEETINGS: Annual (Summer or Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Awards consisting of \$200 each are presented annually to the authors of outstanding research papers published in the Society's publications during the preceding year. These include the Joseph Harvey Goulet Award, research in pomology; International Apple Institute Award, research on improved marketing and utilization of apples, Stark Award, research on improving the quality, performance and longevity of fruit trees; Agrow Award, research on genetic and biological factors affecting production and handling of vegetable crops; Marion W. Meadows Award, graduate student research in vegetable crops; Alex Laurie Award, research in floriculture, ornamental and landscape horticulture; Kenneth Post Award, graduate student research in floriculture, ornamental and landscape horticulture; National Canners Association Award in raw products research. Other awards include the L. M. Ware Award for Distinguished Teaching (in horticulture), \$200; four Collegiate Awards totalling \$400, outstanding research papers presented by undergraduate students in horticulture at the annual meeting; Carl S. Bittner Award, \$200, noteworthy accomplishments in the field of horticultural extension; Outstanding Collegiate Branch Club Award.

PUBLICATIONS: *Journal of the American Society for Horticultural Science*, bimonthly, current volume: 96, \$24 (nonmembers, domestic), \$26 (nonmembers, foreign). Editor: Thomas W. Whitaker. *HortScience*, bimonthly, current volume: 6, \$10 (nonmembers, domestic), \$11.50 (nonmembers, foreign). Editor: Jules Janick. *Annual Report and Membership Directory* published as separate supplements of *HortScience*.

176 AMERICAN SOCIETY FOR INFORMATION SCIENCE. 1140 Connecticut Avenue, N.W., Washington, D.C. 20036. (202) 659-3644. President: Pauline A. Atherton. Term expires November 1971. President-Elect: Robert J. Kyle. Secretary: Lois F. Lunin. Term expires October 1972. Treasurer: Mary Hermer. Term expires November 1971. Executive Director: Herbert R. Koller.

HISTORY AND ORGANIZATION: Founded in 1937 in Washington, D.C. as the American Documentation Institute. Incorporated 1937 in Delaware. Present name adopted December 1967. *Geographic Divisions:* Twenty-seven chapters. *Specialty Divisions:* Arts and Humanities; Automated Language Processing; Behavioral and Social Sciences; Biological and Chemical Information Systems; Classification Research; Costs, Budgeting and Economics; Education for Information Science; Information Analysis Centers; Library Automation and Networks; Non-print Media; Reprographic Technology; Selective Dissemination of Information. *Scientific and Technical Committees:* Publications; Education; Standards; Copyright. *Relationship with Other Societies:* Member of the American Federation of Information Processing Societies.

PURPOSE: To (1) dedicate itself to the creation, organization, dissemination and application of knowledge concerning information and its transfer; (2) provide its members with a variety of channels of communication within and outside the profession, including meetings and publications, and with a service organization to help them in their professional development and advancement.

MEMBERSHIP: Regular (2,908), engaged in fields in which

information is important as object of study or means to an end; Student (461), enrolled at college or university in one or more courses in the fields of documentation, library or information science; Retired (4), at least five years as Regular member, 65 years of age or incapacitated; Institutional (52).

MEMBERSHIP SERVICES: Placement.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research*: Operation of ERIC (Educational Resources Information Center) Clearinghouse on Library and Information Sciences; publication of annual review of information science and technology; sponsorship of *Information Science Abstracts*; survey of membership interests; preparation of bibliography on information science and technology. *Educational*: Tutorials in information science at annual meetings; short courses, workshops and tutorials sponsored by local chapters and special interest groups. *Prizes and Awards*: Annual awards for best information sciences book, best information sciences movie, best chapter or special interest group publication and best paper published in the journal of the Society; Technical Referee Award, annual; Award of Merit, annual.

PUBLICATIONS: *Journal of the American Society for Information Science*, bimonthly, current volume: 22. Editor: Arthur W. Elias. *Newsletter of the American Society for Information Science*, bimonthly, current volume: 10. Editor: Herbert R. Koller. *Proceedings of the American Society for Information Science*, annual, current volume: 8. Editor: Jeanne B. North. *Handbook and Directory*, annual. *Annual Review of Information Science and Technology*, annual, current volume: 6. Editor: Carlos A. Cuadra.

177 AMERICAN SOCIETY FOR METALS. Metals Park, Ohio 44073. (216) 338-5151. President: Thomas E. Leontis. Term expires October 1971. President-Elect: Nathan E. Promisel. Secretary: Adolph J. Lena. Term expires October 1972. Treasurer: William W. Austin. Term expires October 1971. Managing Director: Allan Ray Putnam.

HISTORY AND ORGANIZATION: Originated as the Steel Treasurers Club in Detroit, Michigan in 1913. Name changed to American Society for Steel Treating in 1920 and to the American Society for Metals (ASM) in 1933. Incorporated 1920 in Ohio. *Geographic Divisions*: One hundred twenty-nine chapters in the U.S., Canada, Mexico, South Africa and 50 other countries. *Specialty Divisions*: Materials Science; Materials Systems and Design; Materials Testing and Quality Control; Mechanical Working and Forming. *Scientific and Technical Committees*: Professional Development; Career Development; Metals Engineering Institute; Technician; Engineering Program; Seminar; Materials Research Program. *Relationship with Other Societies*: Member of Engineers Joint Council.

PURPOSE: To advance scientific, engineering and technical knowledge, particularly with respect to the manufacture, treatment, selection and use of metals and other engineering materials, through education, research and the compilation and dissemination of information useful to the individual and beneficial to the general public.

MEMBERSHIP: Interest in metals. Regular (35,000); Sustaining (2,650); Students (2,775).

MEMBERSHIP SERVICES: Career guidance; free employment service; four operating divisions for members specialized services; discounts on publications.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research*: Study of society

profile with information on education, title, interests, preferences for application with 17 proposed Technical Divisions, job responsibilities, company and size. *Educational*: Metals Engineering Institute provides 22 courses on metal technology for home study, in-plant and chapters; Foundation for Education and Research sponsors four students annually on National Merit Scholarship Program and provides full curriculum material to high school science teachers in the Solid State Structures Reactions Program; ASM Fellow recognizes distinguished contributions in the field of metals and materials. *Prizes and Awards*: Henry Marion Howe Medal, annual, best paper published in a specific volume of the *ASM Transactions*; Albert Sauveur Achievement Award, annual, metallurgical research proved in time to have affected industry; Edward DeMille Campbell Memorial Lecture, annual, presented during the Metal Show and Materials Engineering Congress; ASM Gold Medal, annual, outstanding metallurgical knowledge and versatility in the application of science to the metal industry; ASM Medal for the Advancement of Research, annual, industrial organization executive who, over a period of years, has consistently sponsored metallurgical research or development; William Hunt Eisenman Award, annual, outstanding contributions in the practical application of the science of metallurgy to the production of metals or their engineering use; Albert Easton White Distinguished Teacher Award, annual, outstanding teachers of metallurgy or related sciences; Marcus A. Grossman Young Author Award, annual, granted to the author(s) under age 35 of the most outstanding paper published in a specific volume of the *ASM Transactions*; Bradley Stroughton Award for Young Teachers of Metallurgy, annual, outstanding teacher of metallurgy or related sciences, under age 35; Honorary Membership, annual, distinguished service to the metallurgical profession, to the American Society for Metals, and to the progress of mankind; Distinguished Life Membership, annual, those leaders who have devoted their time, knowledge, and abilities to the advancement of the metal industry; Francis F. Lucas Metallographic Award, annual, best entry in the American Society for Metals metallographic competition; The American Society for Metals Wilson Award, annual, an article or paper reporting the most outstanding developments in the concepts, techniques, interpretation or application of indentation hardness testing; ASM Engineering Materials Achievement Award, annual, recognizes an outstanding achievement in materials or materials systems relating to the application of knowledge of materials to an engineering structure or to design and manufacture of a product.

PUBLICATIONS: *Metal Progress*, monthly, current volume: 99, \$4. Editor: Allen G. Gray. *ASM News Monthly*, ten issues per year, current volume: 2, \$1. Editor: Ronald J. Seman. *Metallurgical Transactions*, monthly/annually, current volume: 1, \$10 (members), \$35 (nonmembers). Editor: Gerhard Derge. *Metals Engineering Quarterly*, quarterly, current volume: 11, \$10 (members), \$15 (nonmembers). Editor: H. L. Stein. *Metals Handbook*, annual, current volume: 6, price varies. Editor: Taylor Lyman. *Metals Abstracts*, monthly/annually, current volume: 4, \$300. Editors: T. Graff and H. D. Chafe. *Metals Abstracts Index*, monthly/annually, current volume: 4, \$120. Editors: T. Graff and H. D. Chafe. *Materials Science and Engineering*, monthly, current volume: 7, \$43. Editor: Robert Maddin. *World Aluminum Abstracts*, monthly, current volume: 4, \$75.

178 AMERICAN SOCIETY FOR MICROBIOLOGY. 1913 Eye Street, N.W., Washington, D.C. 20006. (202) 223-1305.

President: R. E. Hungate. Term expires June 1971. President-Elect: M. F. Shaffer. Secretary: D. E. Shay. Term expires June 1972. Treasurer: T. J. Carski. Term expires June 1972. Executive Secretary: R. W. Sarber.

HISTORY AND ORGANIZATION: Originated at New Haven, Connecticut in 1899 as the Society of American Bacteriologists. Name changed to American Society for Microbiology in 1960. In 1969 the American Academy of Microbiology merged with the American Society for Microbiology to serve as its professional arm. Incorporated 1947 in the District of Columbia. *Specialty Divisions:* Divisions of Agricultural and Industrial, Medical Microbiology and Immunology, Microbial Physiology, Virology, General Microbiology; Sections on Clinical Microbiology, Medical Mycology, Analytical, Foods, Aquatic, Fermentation. *Scientific and Technical Committees:* Education; Environmental Microbiology; Information Science; Visual Instruction; Taxonomy. *Relationship with Other Societies:* Adherent member of the American Institute of Biological Science; member society of the International Association of Microbiological Societies.

PURPOSE: To (1) promote scientific knowledge of microbiology and related subjects through discussions, reports and publications; (2) stimulate scientific investigations and their applications; (3) plan, organize and administer projects for the advancement of knowledge of this field; (4) improve education in the science; (5) promote programs of professional recognition; (6) foster the highest professional and ethical standing of microbiologists.

MEMBERSHIP: Active (14,400), Bachelor's degree in microbiology or related subject; Student (200), matriculated microbiology major; Emeritus (215), 25 years continuous membership at time of retirement; Honorary (37), election; Sustaining (140), interest in furtherance of the science of microbiology.

MEMBERSHIP SERVICES: Placement; certification and registration; film library.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* President's Fellowships funding short-term studies of graduate students and junior workers; continuing education workshops and seminars. *Prizes and Awards:* Eli Lilly Award in Microbiology and Immunology, annual, outstanding contributions in research by persons under age 35; Carski Foundation Distinguished Teaching Award, annual, to individual over age 45 for distinguished teaching of microbiology to undergraduates and for encouraging them to subsequent achievement.

PUBLICATIONS: *Journal of Bacteriology*, monthly, current volume: 105, \$18 (members), \$52 (nonmembers). Editor: L. Leon Campbell. *Applied Microbiology*, monthly, current volume: 21, \$18 (members), \$40 (nonmembers). Editor: J. C. Sylvestre. *Journal of Virology*, monthly, current volume: 7, \$18 (members), \$40 (nonmembers). Editor: Robert R. Wagner. *Infection and Immunity*, monthly, current volume: 3, \$18 (members), \$40 (nonmembers). Editor: Erwin Neter. *Bacteriological Reviews*, quarterly, current volume: 39, \$3 (members), \$10 (nonmembers). Editor: R.G.E. Murray. *Bacteriological Proceedings*, annual, \$10. Editor: W. A. Wood. *ASM News*, quarterly, current volume: 37, available to members only. Editor: R. W. Sarber. *Diplomate Forum*, quarterly, current volume: 5, available only to Diplomates of the American Board of Medical Microbiology. Editor: Alex Sonnenwirth. *The Loop*, quarterly, current volume: 5, available only to members of the National Registry of Microbiologists. Editors: L. L. Ware, J. N. Albertson.

179 THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING, INC. 914 Chicago Avenue, Evanston, Ill. 60202. (312) 475-4600. Chairman of the Board: Robert W. McClung. President: Henry G. Bogart. Term expires 1971. President-Elect: Ralph E. Turner. Secretary-Treasurer: John P. Battoma. Managing Director: Philip D. Johnson.

HISTORY AND ORGANIZATION: In August 1941 nine men working in the field of industrial radiography joined to form an association called the American Industrial Radium and X-Ray Society, Inc. In 1947 the Society became officially known as Society for Nondestructive Testing, Inc. In 1967 the name was changed to The American Society for Nondestructive Testing, Inc. Incorporated 1967 in Illinois. *Geographic Divisions:* Fifty-six. *Scientific and Technical Committees:* Transportation; Research; Industrial; Methods; Personnel Qualification; Technical Publication; Educational Materials; Education Liaison; Educational Information; Educational Planning.

PURPOSE: To (1) advance scientific, engineering, and technical knowledge in the field of nondestructive testing through education, research, and the compilation and dissemination of information useful to the individual and beneficial to the general public.

MEMBERSHIP: Regular (6,000), active interest in the field; Student (200), under 25 years of age, enrolled in school, college or university; Corporate (100), desiring to promote the welfare of the Society; Sustaining (50), desiring to promote the welfare of the Society.

MEMBERSHIP SERVICES: Personnel training; information services.

MEETINGS: Annual (Fall); Spring (March).

PROFESSIONAL ACTIVITIES: *Educational:* Home study courses; programmed instruction series. *Prizes and Awards:* Gold Medal, outstanding contribution to the field; Achievement Award, outstanding manuscript in Society journal; Coolidge Award, outstanding manuscript on use of X-rays in nondestructive testing; DeForest Award, outstanding contribution to the field outside of radiography; DuPont Award, outstanding contribution through use of fluorescent presentation or photographic recording of radiation; Lester Honor Lecture; Mehl Honor Lecture.

PUBLICATIONS: *Materials Evaluation*, monthly, current volume: 29, \$12. Editor: K. V. Hulteen.

180 AMERICAN SOCIETY FOR OCEANOGRAPHY. 1900 L Street, N.W., Washington, D.C. 20036. (202) 296-1647. President: Thomas D. Barrow. Term expires June 1971. Secretary: Meyer A. Minchen. Term expires June 1971. Executive Secretary: Richard N. Rigby.

HISTORY AND ORGANIZATION: Incorporated September 29, 1965 in Houston, Texas. Merger discussions underway with Marine Technology Society. *Geographic Divisions:* Six. *Relationship with Other Societies:* Loose affiliation with the National Oceanography Association.

PURPOSE: To (1) encourage, foster and advance study and development of the sciences as related to the biological, physical and chemical constituents, properties and activities of, and in, the oceans, the underlying lithosphere and the overlying atmosphere; (2) promote and provide for the establishment of educational programs including teaching and research in these fields; (3) promote cooperative research in these fields; (4) disseminate information relating to oceanography and to the technologies concerning or practiced on, in or under the oceans.

MEMBERSHIP: Regular (3,000); Sponsor (50); Life; Benefactor. Interest in or involvement in marine sciences and technology.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Regional and national conferences for educators in the marine field, especially on the secondary level.

PUBLICATIONS: *American Oceanography*, monthly, \$0.75 per copy. Editor: Thomas L. Kraft.

181 AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, INC. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-6601. President: Robert F. Furchgott. Term expires June 1972. Secretary-Treasurer: Paul L. Munson. Term expires June 1972. Executive Officer: Ellsworth B. Cook.

HISTORY AND ORGANIZATION: On December 28, 1908, 18 pharmacologists met at Johns Hopkins University, Baltimore, Md. to organize the American Society for Pharmacology and Experimental Therapeutics (ASPET). Incorporated 1933 in Maryland. *Specialty Divisions:* Clinical Pharmacology. *Scientific and Technical Committees:* Manpower and Goals; Nomenclature of Drugs; Toxicological Terminology; Environmental Pharmacology; Clinical Pharmacology Research; Nonmedical Use of Drugs. *Relationship with Other Societies:* Member of Federation of American Societies for Experimental Biology, International Union of Pharmacology, American Association for the Advancement of Science, U.S. Pharmacopeial Convention, National Academy of Sciences—National Research Council; charter member of National Coordinating Council on Drug Abuse Education and Information.

PURPOSE: To (1) promote pharmacological knowledge and its application; (2) conduct research pertaining thereto.

MEMBERSHIP: Regular (1,589), qualified investigator who has conducted and published a meritorious original investigation in pharmacology and is a legal resident of the United States, its dependencies, Canada, or Mexico; Honorary (3), distinguished scientist of any country who has contributed to the advancement of pharmacological science; Sustaining (14), additional support as contribution; Retired (98), member for 30 years or retired because of disability or age; Corporate Associate (70), firm, association, corporation, or institution supporting the Society.

MEMBERSHIP SERVICES: Placement service; clearinghouse for visiting foreign pharmacologists.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Survey of future manpower needs in pharmacology; consultants in toxicological terminology and the nomenclature of drugs to the National Library of Medicine; special studies for the Food and Drug Administration. *Educational:* Medical student essay contest (annual); workshops on principles of drug evaluation in man; clinical pharmacology travel awards; supplementary summer training programs in pharmacology; list of availability of graduate education in pharmacology; career brochure. *Prizes and Awards:* John J. Abel Prize in Pharmacology, \$1,000 and bronze medal, fundamental research in pharmacology and experimental therapeutics by young investigators, donated by Eli Lilly and Company; ASPET Award for Experimental Therapeutics, annual, \$1,000 and bronze medal, outstanding basic pharmacological investigations in man, donated by Hoffmann-La Roche, Inc.; Torald Sollmann Award, every three years, \$2,500 and bronze medal, originality in the development of new concepts, theories, and techniques contributing to the advancement of contemporary pharmacology, donated by Wyeth Laboratories, Inc.

PUBLICATIONS: *Journal of Pharmacology and Experimental Therapeutics*, monthly, current volume: 176, \$60. Editor: Marion deV. Cotten. *Pharmacological Reviews*, quarterly, current volume: 23, \$15. Editor: Marion deV. Cotten. *Molecular Pharmacology*, bimonthly, current volume: 7, \$26 (institutional), \$10 (private). Editor: Paul Talalay. *Clinical Pharmacology and Therapeutics*, bimonthly, current volume: 12, \$24 (institutional), \$20 (personal). Editor: Walter Modell. *Rational Drug Therapy*, monthly, current volume: 5, \$6.50. Editor: Walter Modell. *The Pharmacologist*, semiannual, current volume: 13, \$6. Editor: Ellsworth B. Cook.

AMERICAN SOCIETY FOR PROFESSIONAL GEOGRAPHERS. See THE ASSOCIATION OF AMERICAN GEOGRAPHERS.

182 THE AMERICAN SOCIETY FOR PSYCHOPHYSIOLOGY IN OBSTETRICS. 7 West 96th Street, New York, N.Y. 10025. (212) 866-4040. President: Constance Castor. Term expires January 1974. Treasurer: Benjamin Segal. Administrative Secretary: Jeannette L. Sasnor.

HISTORY AND ORGANIZATION: Founded and incorporated in New York State in 1960. Begun as a medical society, it expanded to include accredited teachers and parent members in 1965. *Geographic Divisions:* Seventeen chapters. *Specialty Divisions:* Physician; Professional; Parents. *Scientific and Technical Committees:* Teacher Accreditation.

PURPOSE: To (1) study painless childbirth by psychophysical methods; (2) acquaint and familiarize physicians and other personnel in the use, study and application of such methods.

MEMBERSHIP: Physicians (150), certified M.D. practicing obstetrics, preferably Board eligible; Professional (450), accredited teachers who have completed teacher training program of the Society, other interested professionals; Parents (1,200), interested in supporting goals.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Teacher preparation program; seminars for professionals; workshops for hospital personnel; public film showings; classes for expectant parents; information service.

PUBLICATIONS: *Childbirth Education*, quarterly, current volume: 3, \$4. Editor: Madeleine Shearer. *ASPO News*, irregular, free to members. Editor: Jeannette L. Sasnor. *ASPO Intercom*, irregular, current volume: 8, free to members. Editor: Pat Sparks.

AMERICAN SOCIETY FOR PSYCHOSOMATIC DENTISTRY. See AMERICAN SOCIETY OF PSYCHOSOMATIC DENTISTRY AND MEDICINE.

183 AMERICAN SOCIETY FOR QUALITY CONTROL, INC. 161 West Wisconsin Avenue, Milwaukee, Wis. 53203. (414) 272-8575. President: L. I. Medlock. Term expires June 1971. President-Elect: David S. Chambers. Chairman of the Board: Thomas E. Turner. Term expires June 1971. Executive Secretary: Naomi J. McAfee. Term expires June 1972. Treasurer: Dean Edgerton, Jr. Term expires June 1972. Administrative Secretary: R. W. Shearman.

HISTORY AND ORGANIZATION: Incorporated February 16, 1946 in New York State. *Geographic Divisions:* One hundred and twenty-five sections. *Specialty Divisions:* Administrative Applications; Aircraft and Missiles; Automotive; Chemical; Electronics; Food and Allied Industries; Inspection;

Reliability; Textile and Needle Trades. *Scientific and Technical Committees:* Bio-Medical Control; Graphic Arts; Metals; Metrology; Quality Cost; Quality Motivation; Statistics; Systems Engineering; Vendor-Vendee; Drug and Cosmetic; Product Liability; Environmental Sciences.

PURPOSE: To create, promote and stimulate interest in the advancement and diffusion of knowledge of the science of control and of its application to industrial, administrative and other processes, especially to the quality of industrial products.

MEMBERSHIP: Honorary (8), proposed in writing by at least ten Corporate members, elected by unanimous vote of the Board of Directors; Fellow (358), proposed in writing by five Senior members, elected by 2/3 favorable vote of the Board of Directors; Senior (3,648), 30 years old, actively practicing profession, ten years' experience in the quality field; Member (16,642), 21 years old, graduate of an accredited engineering, science, mathematics, or statistics curriculum, or six years' experience in quality work; Associate (3,648), 21 years old, engaged in or interested in quality control; Student (63), anyone pursuing a course of study in engineering, mathematics, etc., in an accredited institution.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Educational:* Courses in various quality areas such as reliability engineering, inspection techniques, and management of quality control. *Prizes and Awards:* Shewhart Medal, outstanding contributions to the science and techniques of quality control; Edwards Medal, most outstanding leadership in application of modern quality control methods, particularly through organization and administration of total program; Grant Medal, outstanding leadership in development and presentation of a merit education program in quality control; Brumbaugh Medal, largest single contribution to the development of industrial application of quality control.

PUBLICATIONS: *Journal of Quality Technology*, quarterly, current volume: 3, \$4 (members), \$10 (nonmembers). Editor: Lloyd S. Nelson. *Quality Progress*, semimonthly, current volume: 4. Editor: J. B. Van Cronkrite.

AMERICAN SOCIETY FOR RESEARCH IN PSYCHOSOMATIC PROBLEMS. See AMERICAN PSYCHOSOMATIC SOCIETY, INC.

AMERICAN SOCIETY FOR STEEL TREATING. See AMERICAN SOCIETY FOR METALS.

184 AMERICAN SOCIETY FOR SURGERY OF THE HAND. *Address communications to:* Lee Milford, Secretary-Treasurer, 869 Madison Avenue, Memphis, Tenn. 38103. (901) 525-5231. President: John P. Adams. Term expires January 1972. President-Elect: John L. Bell. Secretary-Treasurer: Lee Milford. Term expires January 1972.

HISTORY AND ORGANIZATION: Established January 20, 1946. Incorporated 1947 in Ohio. *Specialty Divisions:* Orthopaedic; General Surgery; Plastic and Reconstructive. *Scientific and Technical Committees:* Disability Evaluation; Medico Resident Training; Classification of Congenital Anomalies; Teaching Aids; Exhibits; Tumor Registry; Research; Relative Value; Continuing Education; Veteran's Administration.

PURPOSE: To improve and develop surgery of the hand.

MEMBERSHIP: Active (149); Associate (27); Senior (15).

MEETINGS: Annual (January).

PUBLICATIONS: *Bibliography for Surgery of the Hand*, annual, \$10. Editor: John P. Adams.

185 AMERICAN SOCIETY FOR TESTING AND MATERIALS. 1916 Race Street, Philadelphia, Pa. 19103. (215) 569-4200. President: Raymond B. Smith. Term expires June 1971. Chairman, Finance: Robert L. Terrill. Term indefinite. Managing Director: William T. Cavanaugh.

HISTORY AND ORGANIZATION: Originated in 1898 as the American Section of the International Association for Testing Materials. Became independent American Society for Testing Materials in 1902. Incorporated 1904 in Pennsylvania. Present name, the American Society for Testing and Materials (ASTM), officially adopted in 1961. *Geographic Divisions:* Twenty-six districts. *Scientific and Technical Committees:* One hundred and fifteen main technical committees (some 2,500 committees including all subcommittees and sections). Current activities include materials for exploration of space, atomic energy, surgical implants, modern housing, highways, heavy industry and consumer goods. Each committee consists of producers, consumers and general interest members.

PURPOSE: To (1) serve as the world's largest source of voluntary consensus standards for materials, products, systems and services; (2) conduct investigation and research leading to a better knowledge of the properties of materials.

MEMBERSHIP: Individual (12,780), individual or institution subscribing to purposes of the Society; Company (4,237).

MEETINGS: Annual (June); conferences and symposia year-around.

PROFESSIONAL ACTIVITIES: *Research:* Extensive research program by committees toward the development of reliable, acceptable and practical standards. *Educational:* ASTM Fellowship and Grants-in-Aid Program in the field of research and standardization for materials. *Prizes and Awards:* Honorary Member, annual, recognized eminence in the field or meritorious service to the Society; ASTM Award of Merit, annual, distinguished service to the Society; ASTM Award to Executives, outstanding interest and support in furthering the accomplishments of ASTM; Charles B. Dudley Medal Award, annual, outstanding paper on research in engineering materials; Richard L. Templin Award, annual, outstanding paper describing new and useful testing procedures and apparatus; Sam Tour Award, annual, outstanding technical paper in the field of improvement and evaluation of corrosion testing methods; Frank E. Richtart Award, notable contributions in the field of concrete and concrete aggregates; Walter C. Voss Award, notable contribution to knowledge in the field of building technology with emphasis upon materials used which constitute significant advances or innovations; L. J. Markwardt Award, annual, outstanding technical paper in the field of wood, wood fibers and wood base materials, including improvements and developments in the methods of testing; ASTM—Standards Engineers Society Awards, meritorious service in the field of standardization and publication in the field of standardization; Sanford E. Thompson Award, annual, paper dealing with a subject pertinent to the objectives of Committee C-9; C. A. Hogentogler Award, paper of outstanding merit on soil for engineering purposes presented at a meeting of the Society; Max Hecht Award, annual, to a member of Committee D-19 on industrial water of at least three years standing who has performed some outstanding work in the committee or in the field of industrial water; Harold Dewitt Smith Award, outstanding achievement in the field of textile fiber utilization presented at a meeting of

Committee D-13 on Textile Materials; Committee D-12 Award, outstanding achievement in the field of soap and detergent technology; Adhesives Award, outstanding work in the science of adhesion or the technology of adhesives or both; Lundell-Bright Memorial Award, to a member of Committee E-3 on Chemical Analysis of Metals of at least three years standing who has performed outstanding work in the committee; Noah A. Kahn Award, annual, to a graduating student of Brooklyn Polytechnic Institute and Lehigh University outstanding in metallurgical engineering; Arnold H. Scott Award, outstanding achievement in the science of electrical insulation; H. V. Churchill Award, to a member or a past-member of Committee E-2 on Emission Spectroscopy for meritorious service to the committee.

PUBLICATIONS: *Annual Book of ASTM Standards*. *ASTM Archival Journal*, quarterly, \$12 (members), \$15 (nonmembers). *Materials Research and Standards*, monthly, \$8.

AMERICAN SOCIETY FOR THE ADVANCEMENT OF CLINICAL INVESTIGATION. SEE AMERICAN SOCIETY FOR CLINICAL INVESTIGATION.

186 THE AMERICAN SOCIETY FOR THE ADVANCEMENT OF GENERAL ANESTHESIA IN DENTISTRY. 161 West 54th Street, New York, N.Y. 10019. CI7-0933. President: Antonio Reyes-Guerra, Jr. Term expires March 1972. Executive Secretary: M. O. Balaban. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1929. Incorporated 1929 in New Jersey. *Scientific and Technical Committees:* Advisory Research.

PURPOSE: To (1) study and research in the field of general anesthesiology; (2) hold seminars, clinics and small groups for the study and advancement of the Society.

MEMBERSHIP: Individual, member of American Dental Association, American Medical Association or equivalent; Fellow.

MEETINGS: Semiannual (March and October).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Mittelbel Feldman Lecture of the Year, annual lecture by outstanding authority.

PUBLICATIONS: *Transcript*, biannual, members only. Editor: Benjamin J. Jacobs.

AMERICAN SOCIETY FOR THE STUDY OF DISORDERS OF SPEECH. SEE AMERICAN SPEECH AND HEARING ASSOCIATION.

187 AMERICAN SOCIETY OF ABDOMINAL SURGEONS. 675 Main Street, Melrose, Mass. 02176. (617) 665-6695. President: C. Richard A. Gilbert. Term expires April 1972. President-Elect: N. Frederick Hicken. Executive Director and Secretary-Treasurer: Blaise F. Alfano. Term indefinite.

HISTORY AND ORGANIZATION: Formed in 1959 and incorporated the same year in Delaware. *Scientific and Technical Committees:* Advisory Board for Surgical Education; Study Center; Audio-visual.

PURPOSE: To (1) advance the science of abdominal surgery and the ethical and competent practice of its art; (2) promote the common interest of abdominal surgery; (3) increase knowledge, education and competence among abdominal surgeons.

MEMBERSHIP: Fellow (9,100), recognized abdominal surgeon by training and hospital affiliations; Junior Fellow (400), resident in an approved program of surgical training.

MEMBERSHIP SERVICES: Textbook loans; question and answer textbook; National Study Center and Library.

MEETINGS: Annual Congress (February or March); International Congress (Biennial, September). Annual Surgical Forum (June).

PROFESSIONAL ACTIVITIES: *Research:* Audio-visual research on a method of home teaching. *Educational:* Annual Postgraduate Course; Annual Surgical Study Course (home study); Study Center Course (four per year); Annual Surgical Forum. *Prizes and Awards:* Distinguished Service Award, annual, outstanding contribution to surgery; Science Writer's Award, annual, best news article on abdominal surgery.

PUBLICATIONS: *Journal of Abdominal Surgery*, monthly, current volume: 13. Editor: Meyer O. Cantor. *The Surgeon*, monthly, current volume: 8, free to members. Editor: Blaise F. Alfano.

188 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS. 2950 Niles Road, St. Joseph, Mich. 49085. (616) 429-1173. President: Robert E. Stewart. Term expires June 1971. President-Elect: Hugh J. Hansen. Executive Secretary: Jimmy L. Butt.

HISTORY AND ORGANIZATION: Founded 1907 in Madison, Wisconsin. Incorporated 1935 in Michigan. *Geographic Divisions:* Fifty-one. *Specialty Divisions:* Electric Power and Processing; Food Engineering; Power and Machinery; Soil and Water; Structures and Environment. These divisions and the many committees therein comprise the Technical Council. *Scientific and Technical Committees:* Nondivisional Standards; Agricultural Safety; Instrumentation and Controls; Bioengineering; Computers. Joint Technical - Farm Materials Handling; Grain and Feed Processing and Storage; Physical Properties of Agricultural Products; Water Treatment and Use; Agricultural Sanitation and Waste Management; American Society of Heating, Refrigeration and Air-Conditioning Engineers Liaison; Environmental Physiology; Environment of Animal Structures; Environment of Plant Structures; Environment of Stored Products.

PURPOSE: To (1) promote the science and art of engineering in agriculture; (2) encourage original research; (3) foster agricultural engineering education; (4) advance the standards of agricultural engineering; (5) increase and extend the association of agricultural engineers among themselves and with allied scientists and technologists; (6) encourage the professional improvement of its members, and severally and in cooperation with other groups to broaden the usefulness of agricultural engineering.

MEMBERSHIP: Member, engineering degree and six years experience, or 12 years experience without degree; Associate, engineering degree or six years experience; Executive Affiliate, in policy making position; Affiliate, interested in agricultural engineering.

MEMBERSHIP SERVICES: Technical papers; standards; microfiche; trade show; employment contact service; curriculum development; educational standards, awards and honors; representation on national and international organizations.

MEETINGS: Annual (June); Winter (December).

PROFESSIONAL ACTIVITIES: *Educational:* Special conferences; scholarships offered by local units. *Prizes and Awards:* Cyrus H. McCormick Gold Medal, annual, exceptional and meritorious engineering achievement in agriculture; John Deere Gold Medal, annual, distinguished achievement in application of science and art to the soil; Metal Building Manufacturers Association Award, annual, engraved watch and plaque, distinguished work in advancing knowledge and science of farm buildings; Massey-Ferguson Gold Medal, annual, medal

and \$500, dedication to spirit of learning and teaching in agricultural engineering; Hancock Brick and Tile Soil and Water Engineering Award, annual, plaque, noteworthy contributions to the field; George Kable Electrification Award, annual, plaque, outstanding contribution in application of electrical energy to agriculture; Paper Awards, annual, contribution to technical literature; Gold and Silver Service Awards, annual, 50 and 25 years of service to Society; Student Honor Awards, annual, gold key, outstanding scholarship attainment, to students in 47 Student Branches; Student Paper Awards, annual, \$150 and trip to national meeting to present winning papers; John G. Sutton Memorial Award, annual, \$200, to the student agricultural engineer of the year.

PUBLICATIONS: *Agricultural Engineering*, monthly, \$12 (nonmembers). Editor: James A. Basselman. *Transactions of the ASAE*, six issues per year, current volume: 14, \$20 (nonmembers). Editor: James A. Basselman. *Agricultural Engineers Yearbook*, annual, \$10 (nonmembers). Editor: Russell H. Hahn, Jr.

189 AMERICAN SOCIETY OF AGRONOMY, INC. 677 South Segoe Road, Madison, Wis. 53711. (608) 274-1212. President: C. A. Black. Term expires August 1971. President-Elect: J. R. Cowan. Executive Vice President: Matthias Stelly.

HISTORY AND ORGANIZATION: Founded December 13, 1907. Incorporated April 17, 1948. *Geographic Divisions:* Four branches; several state chapters; over fifty student chapters. *Specialty Divisions:* Resident Education; Land Use and Management; Climatology; Extension Education; Environmental Quality; Crop Breeding, Genetics, Cytology; Crop Physiology and Metabolism; Crop Ecology, Production and Management; Seed Production and Technology; Turfgrass Management; Crop Quality and Utilization; Soil Physics; Soil Chemistry; Soil Microbiology; Soil Fertility and Plant Nutrition; Soil Genesis, Morphology and Classification; Soil and Water Management; Forest and Range Soils; Fertilizer Technology and Use; Soil Mineralogy. *Scientific and Technical Committees:* Publication and Retrieval of Information; Grassland Improvement; Terminology; Preservation of Genetic Stocks; Variety Registration; Soil Chemistry; Soil Microbiology and Biochemistry; Particle Size Distribution; Soil Testing and Plant Analysis; Water Resources; Soils-Geomorphology. *Relationship with Other Societies:* Executive officer, staff, and headquarters facilities shared with the Crop Science Society of America and the Soil Science Society of America.

PURPOSE: To (1) promote human welfare through advancing the acquisition and dissemination of scientific knowledge concerning the nature, use, improvement, and interrelationships of plants, soils, and environment; (2) promote effective research; (3) disseminate scientific information; (4) foster high standards of education; (5) strive to maintain high standards of ethics; (6) promote advancements in the profession; (7) cooperate with other organizations having similar objectives.

MEMBERSHIP: Active (6,416), anyone interested in the objectives of the Society; Graduate Student (1,091), graduate and undergraduate students; Associate (358); Sustaining (139), firms or individuals.

MEMBERSHIP SERVICES: Placement service; career information.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Visiting scientist program; visual aids. *Prizes and Awards:* Achievement Award, annual, outstanding work in crop and soil science; agronomic education and agronomic service, four awards of \$200 each;

Student Essay Award, annual, \$400 divided five ways; Student Photography Award, annual, \$250 divided four ways; Student Speech Contest, annual, \$400 divided five ways; Student Agronomy Club Achievement Award, annual, \$300 divided three ways.

PUBLICATIONS: *Agronomy Journal*, bimonthly, current volume: 63, \$22. Editor: Matthias Stelly. *Journal of Agronomic Education*, annual, \$4. Editor: W. F. Hueg, Jr. *Journal of Environmental Quality*, quarterly, \$7. Editor: A. A. Hanson. *Agronomy News*, bimonthly, \$3. Editor: Matthias Stelly. *Crops and Soils Magazine*, nine issues per year, \$3. Editor: William R. Luellen.

190 AMERICAN SOCIETY OF ANESTHESIOLOGISTS. 515 Busse Highway, Park Ridge, Ill. 60068. (312) 825-5586. President: Robert G. Hicks. Term expires October 1971. President-Elect: M. T. Jenkins. Secretary: Harold Carron. Term expires October 1972. Executive Secretary: John W. Andes.

HISTORY AND ORGANIZATION: Originated October 1905 in Brooklyn, New York, as the Long Island Society of Anesthetists. Name changed in 1912 to New York Society of Anesthetists. Incorporated in 1935 as the American Society of Anesthetists, Inc. Name changed to present title in 1945. *Geographic Divisions:* Forty-seven component societies. *Scientific and Technical Committees:* Acute Medicine; Anesthetic Agent; Audio-Visual Program; Blood and Blood Products; Circulation; Communications; Continuing Education; Defense and Military Affairs; Economics; Flammable Hazards and Electrical Equipment; Hospital and Community Education; Hospital Planning and Construction; Inhalation Therapy; Intership; Legislative Activities; Local Anesthetics and Pain Therapy; Mechanical Equipment; Medical Schools; Metabolism and Regulation; Obstetrical Anesthesia; Pharmacology and Neuromuscular Transmission; Refresher Courses; Research; Residencies; Respiration; Review Proposed National Commission of Medical Education; Scientific Affairs; Scientific Exhibits; Scientific Program; Surgical Anesthesia.

PURPOSE: To (1) associate and affiliate into one organization all of the reputable doctors of medicine in the U.S., its territories and possessions who are engaged in the practice of or otherwise especially interested in anesthesiology; (2) encourage specialization in this field; (3) raise the standards of the specialty by fostering and encouraging education, research and scientific progress in anesthesiology, and by recommending standards of postgraduate education for qualifications as a specialist in anesthesiology and furthermore by recommending standards for approval of postgraduate training centers; (4) disseminate information in regard to anesthesiology; (5) protect the public against irresponsible and unqualified practitioners of anesthesiology; (6) edit and publish publications in the field of anesthesiology and related fields; (7) safeguard the professional interests of its members and in all ways to develop and further the specialty of anesthesiology for the general elevation of the standards of medical practice.

MEMBERSHIP: Active (7,592), active member of a component society; Affiliate (1,023), member of a component society, physician in the service of the U.S. government, physician residing outside the U.S., or scientist interested in anesthesiology; Life (31), past presidents of the Society and members enrolled as life members prior to July 1947; Honorary (24), physician or scientist who has attained outstanding eminence in anesthesiology; Retired (195), physician who has been an active member for 10 years and has retired from professional activity; Resident (1,695), physician in full-time training in an

anesthesia residency accredited by the Council on Medical Education and Hospitals of the American Medical Association.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Residents' Research Essay Contest, first prize \$500, second prize \$250.

PUBLICATIONS: *Newsletter*, monthly, current volume: 35, \$3. Editor: Allan B. Gould, Jr. *Anesthesiology*, monthly, current volume: 34, \$15 (domestic), \$18 (foreign). Editor: Arthur S. Keats.

AMERICAN SOCIETY OF ANESTHETISTS. See AMERICAN SOCIETY OF ANESTHESIOLOGISTS.

AMERICAN SOCIETY OF ANIMAL NUTRITION. See AMERICAN SOCIETY OF ANIMAL SCIENCE.

AMERICAN SOCIETY OF ANIMAL PRODUCTION. See AMERICAN SOCIETY OF ANIMAL SCIENCE.

191 AMERICAN SOCIETY OF ANIMAL SCIENCE. 113 North Neil Street, Champaign, Ill. 61820. (217) 356-3182. President: D. E. Becker. Term expires August 1971. President-Elect: O. D. Butler. Secretary-Treasurer: G. P. Lofgreen. Term expires August 1971. Business Manager: Claude Cruse.

HISTORY AND ORGANIZATION: Founded in 1908 as the American Society of Animal Nutrition in Chicago, Illinois. In 1912 the name was changed to American Society of Animal Production and in 1961 to American Society of Animal Science (ASAS). *Geographic Divisions:* Four. *Scientific and Technical Committees:* Research Animal; Research Animal Management Standards; Teaching; Biological Scientific Information Storage and Retrieval; Animal Waste Management; Animal Care; Latin American Association of Animal Production; Pasture and Forage Crop Improvement.

PURPOSE: To (1) afford opportunity for the exchange of ideas in the field; (2) bring about improvement and unification of methods of investigation, instruction and extension in animal production; (3) arrange for cooperation and avoid duplication in investigational work; (4) recommend the adoption of new practices; (5) publish educational and scientific material of value to members and other workers in the animal industry field.

MEMBERSHIP: Professional (3,890), engaged in investigation, instructions or extension in animal production or production of livestock products.

MEETINGS: Annual (July or August).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Morrison Award; American Feed Manufacturers Award; ASAS Extension Award; ASAS Distinguished Teacher Award; ASAS Award in Animal Breeding and Genetics; ASAS Award in Animal Physiology and Endocrinology; ASAS Award in Meats Research; Gustave Bohstedt Award of the ASAS for Research in Minerals and Trace Minerals; ASAS Honorary Fellow Award. All awards annual.

PUBLICATIONS: *Journal of Animal Science*, monthly, current volume: 32, \$24. Editor: V. R. Bohman.

192 AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, INC. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-3200. President: Eugene P. Kennedy. Term expires June 1971. President-Elect: Christian B. Anfinsen, Jr. Secretary: John M. Buchanan. Term expires April 1972. Treasurer: William J. Rutter. Term expires April 1973. Executive Officer: Robert A. Harte.

HISTORY AND ORGANIZATION: Founded December 16, 1906 and incorporated September 12, 1919 under the laws of the State of New York. Together with the American Physiological Society and the American Society for Pharmacology and Experimental Therapeutics, the Society founded the Federation of American Societies for Experimental Biology in December 1912. *Scientific and Technical Committees:* Public Policy; Educational Affairs; Clinical Chemistry; Model Project Advisory Committee. *Relationship with Other Societies:* Founder and constituent member of Federation of American Societies for Experimental Biology; founder and original member of Pan American Association of Biochemical Societies; affiliate of American Association for Advancement of Science; member of Council of Academic Societies of the American Association of Medical Colleges.

PURPOSE: To (1) further the extension of biochemical knowledge; (2) facilitate personal intercourse between American investigators in biological chemistry.

MEMBERSHIP: Active (2,761), qualified investigators who have conducted and published meritorious original investigations in biological chemistry; Retired (207); Honorary (58).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Space filling molecular model project; biochemical curricula; visual aid techniques in teaching. *Educational:* Career brochure; pre-meeting short courses.

PUBLICATIONS: *Journal of Biological Chemistry*, semimonthly, current volume: 246, \$30 (members), \$75 (nonmembers). Editor: Herbert Tabor.

193 AMERICAN SOCIETY OF CIVIL ENGINEERS. 345 East 47th Street, New York, N.Y. 10017. (212) PL2-6800. President: Samuel S. Baxter. Term expires October 1971. President-Elect: Oscar S. Bray. Executive Director: William H. Wisely.

HISTORY AND ORGANIZATION: Founded on November 5, 1852 in New York City as the American Society of Civil Engineers and Architects. From 1855 to 1867, the Society was dormant. The members voted in March 1868 to become the American Society of Civil Engineers (ASCE). Incorporated April 16, 1877 in New York. *Geographic Divisions:* Eighty local sections; 100 branches; 182 student chapters. *Specialty Divisions:* Aero-Space Transport; Construction; Engineering Mechanics; Highway; Hydraulics; Irrigation and Drainage; Pipeline; Power; Sanitary Engineering; Soil Mechanics and Foundation; Structural; Surveying and Mapping; Urban Planning and Development; Waterways, Harbors and Coastal Engineering; Technical Councils on Ocean Engineering and Urban Transportation. *Scientific and Technical Committees:* Each Division contains a large number of technical committees.

PURPOSE: To advance the science and profession of engineering. **MEMBERSHIP:** Honorary (54), not less than 50 years of age, eminence in engineering, elected by Board of Direction; Fellow (9,959), not less than 40 years of age, legally registered engineer, a Member five years, responsible charge of engineering work; Member (27,712), not less than 27 years of age, engineering graduate of recognized school, ten years active in engineering; Associate (27,159), not less than 20 years of age, engineering graduate of recognized school or other comparable qualifications; Affiliate (193), not less than 27 years of age, position in some specialty qualifying him to cooperate with engineers.

MEMBERSHIP SERVICES: Employment information; audiovisual material; information retrieval services; library; career

guidance; self-study programs; local section courses.

MEETINGS: Water Resources (Winter); Structural (Spring); Transportation (Summer); Annual and Environmental (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Thirty-three proposed and on-going ASCE Research Projects in 1971, on a wide range of engineering subjects. *Educational:* Freeman Fellowship; Research Fellowship; J. Waldo Smith Hydraulic Fellowship; Ammann Fellowship in Structural Engineering; ASCE Fellowships in Civil Engineering Management; ASCE Student Chapter Fellowships. *Prizes and Awards:* Norman Medal, first prize paper in engineering science; J. James R. Croes Medal, second prize paper in engineering science; Arthur M. Wellington Prize, best paper on transportation; ASCE Civil Engineering Award, best of the "state-of-the-art" papers from each technical division; A. P. Greensfelder Construction Prize, best scientific article on construction; Thomas Fitch Rowland Prize, best paper describing accomplished construction; Rudolph Hering Medal, paper containing most valuable contribution to sanitary engineering; Karl Emil Hilgard Hydraulic Prize, superior paper dealing with a problem of flowing water; Thomas Middlebrooks Award, significant paper on soil mechanics; Moisseiff Award, important paper structural design; Rickey Medal, worthy paper in hydroelectric engineering; J. C. Stevens Award, best published discussion on hydraulics; Theodore von Karman Medal, distinguished achievement in engineering mechanics; Karl Terzaghi Award, outstanding contributions to soil mechanics, subsurface engineering and construction; Royce J. Tipton Award, contribution to irrigation and drainage engineering; T. Y. Lin Award, best paper dealing with pre-stressed concrete; Harland Bartholomew Award, contribution to role of civil engineer in urban planning; Samuel Arnold Greeley Award, best paper dealing with water supply, pollution control, storm drainage or refuse disposal; Wesley W. Horner Award, best paper in sanitary engineering; Surveying and Mapping Award, valuable contribution; Raymond Reese Research Prize, notable achievement in structural engineering research; Stephen Bechtel Pipeline Engineering Award, definite contribution; Ernest Howard Award, contribution to structural engineering; Collingwood Prize, engineering paper of Associate Member; Edmund Friedman Recognition Award, professional attainment; Walter Huber Civil Engineering Research Prizes, notable achievements; Daniel Mead Prizes, papers on Professional Ethics written by Associates and Students; L. F. Harza Latin American Associate Member Awards, entrance fees for recommended engineer graduates of Latin American universities; Outstanding Civil Engineering Achievement, project demonstrating great engineering skills and greatest contribution to engineering progress and mankind; Civil Government Award, public service; James Laurie Prize, contribution to transportation engineering; Robert Ridgway Student Chapter Award, most outstanding chapter; History and Heritage Award, contribution to knowledge of history of civil engineering.

PUBLICATIONS: *Civil Engineering*, monthly, current volume: 41, \$7. Editor: Kneeland A. Godfrey, Jr. *Journals of the 14 Technical Divisions*, irregular, current volume: 97, \$80. Editor: Paul A. Parisi. *Transactions*, annual. *ASCE Publication Abstracts*, monthly, \$4 (members), \$8 (nonmembers).

AMERICAN SOCIETY OF CIVIL ENGINEERS AND ARCHITECTS. See AMERICAN SOCIETY OF CIVIL ENGINEERS.

194 THE AMERICAN SOCIETY OF CLINICAL HYPNOSIS. 800 Washington Avenue, S.E., Minneapolis, Minn. 55414.

(612) 331-9452. President: Donald Coulton. Term expires October 1971. President-Elect: Calvert Stein. Secretary: Esther E. Bartlett. Term expires October 1971. Treasurer: Paul B. Van Dyke. Term expires October 1971. Executive Secretary: F. D. Nowlin.

HISTORY AND ORGANIZATION: Formed in 1957. Formed a foundation, The American Society of Clinical Hypnosis-Education and Research Foundation (ASCH-ERF) in 1962. *Geographic Divisions:* Twenty-nine sections in U.S.A.; three sections in Canada. *Specialty Divisions:* Medicine; Dentistry; Psychology. *Scientific and Technical Committees:* Ethics; International Relations; Accreditation. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; 26 affiliated societies.

PURPOSE: To (1) bring together professional people in medical, dental, and psychological fields using hypnosis; (2) set up standards of training; (3) cooperate with all scientific disciplines in professional and public relationships in regard to the use of hypnosis; (4) stimulate research and publication in the field.

MEMBERSHIP: Full, doctoral degree with psychology major, membership in professional societies and appropriate professional training; Associate; Fellow; Affiliated; Foreign.

MEMBERSHIP SERVICES: Workshops in clinical hypnosis and hypnotherapy.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Workshops; teaching sessions. *Prizes and Awards:* Milton H. Erickson, M.D. Award, outstanding article in the *American Journal of Clinical Hypnosis*.

PUBLICATIONS: *American Journal of Clinical Hypnosis*, quarterly, current volume: 13, \$8. Editor: William E. Edmonston, Jr. *Membership Directory*, annual.

AMERICAN SOCIETY OF CLINICAL PHARMACOLOGY AND CHEMOTHERAPY. See AMERICAN SOCIETY FOR CLINICAL PHARMACOLOGY AND THERAPEUTICS.

195 AMERICAN SOCIETY OF CYTOLOGY. 7112 Lincoln Drive, Philadelphia, Pa. 19119. President: Stanley F. Patten, Jr. Term expires November 1971. President-Elect: Myron R. Melamed. Secretary-Treasurer: Warren R. Lang. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1951 as the Inter-Society Cytology Council. First meeting in Philadelphia in 1953. Name changed to American Society of Cytology in November 1961. Incorporated 1959 in Massachusetts. *Scientific and Technical Committees:* Scientific Program; Awards; Budget and Finance; Constitution and By-Laws; Editorial and Publications; International Membership; President's Advisory Cytotechnology; Executive.

PURPOSE: To enable its members to unite their efforts for the advancement and promulgation of cytological knowledge by endeavoring to (1) foster the cytological method; (2) encourage scientific, academic and clinical interest in cytology; (3) encourage establishment of educational and training facilities; (4) encourage programs of research; (5) assist in formulating basic standards for early cancer detection.

MEMBERSHIP: Medical (952), M.D., engaged in one or more phases of cytological practice, teaching or research; Non-Medical Professional (51), Ph.D. professional personnel; Associate (1,325), physicians and scientists in training and technicians; International (134), nonresidents of U.S. and Canada;

Honorary (3), distinguished contributions to cytology; Life (20).

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Papanicolaou Award, annual, meritorious contributions in the field of cytology; Cytotechnologist-of-the-Year Award, to Associate member for best scientific paper at an annual meeting or for other meritorious service; Cytotechnologist Award, to a cytotechnologist for best oral presentation of a scientific paper at an annual meeting; Guest Lectureship Award on Basic Cell Research in Cytology, presented at annual scientific meeting.

PUBLICATIONS: *Acta Cytologica*, bimonthly, current volume: 14, \$16.50. Editor: George L. Wied. *Cytotechnologist Bulletin*, six issues per year, current volume: 8, members only. Editor: Catherine M. Keebler.

AMERICAN SOCIETY OF HEATING AND AIR-CONDITIONING ENGINEERS. See AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS. See AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

196 AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: Stanley F. Gilman. Term expires June 1972. President-Elect: Walter F. Spiegel. Treasurer: William P. Chapman. Term expires June 1972. Executive Secretary: Andrew T. Boggs, III. Term indefinite.

HISTORY AND ORGANIZATION: Originated in 1894 and incorporated in 1895 as the American Society of Heating and Ventilating Engineers. Name changed to American Society of Heating and Air-Conditioning Engineers in December 1954. The American Society of Refrigerating Engineers organized in 1904. The two organizations merged in January 1959 to form the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). *Geographic Divisions:* Ten divisions; 114 chapters. *Scientific and Technical Committees:* Over seventy technical committees in sections on Fundamentals and General, Heating and Cooling Loads, Heating, Ventilation and Air Handling, Refrigeration, Air Conditioning, Food Science and Refrigeration, Domestic Refrigerators and Small Refrigeration Equipment, Applied Equipment and Auxiliary Equipment; Task Groups on Survival Shelters, Radiant Space Heating, Total Energy, Air-to-Air Heat Recovery, Odor and Taste Transfer from Construction Materials in Refrigerators and Freezers, Thermal Properties for Foods, Energy Requirements for Heating and Cooling, Testing and Balancing, Air Pollution, Hermetic Motor Burnout and Urban Environment; Standard Project Committees. *Relationship with Other Societies:* The Society has eighteen international affiliates.

PURPOSE: To advance the arts and sciences of heating, refrigeration, air conditioning, ventilation, the allied arts and sciences and related human factors for the benefit of the general public.

MEMBERSHIP: Honorary (7), pre-eminent professional distinction; Presidential (41), outgoing president of the Society; Life (627), member 30 years, 65 years of age; Fellow (56), unusual distinction in the arts relating to the sciences of heating,

refrigeration, air conditioning, ventilation, or the allied arts and sciences, 45 years of age; Member (11,013), graduate of engineering curriculum accredited by Engineers Council for Professional Development or approved by the Board of Directors, or a non-graduate of such curriculum who has the equivalent of 12 Society-accredited years of experience composed of any combination of approved completed education beyond high school, work experience and engineering registration; Associate (8,008), same as for the Member, except a total of eight Society-accredited years of experience composed of completed education and work experience; Affiliate (4,201), experienced in technical matters, design, operation, or maintenance; Student (2,293), under 30 years of age, matriculated in an approved course of study in a university, college, junior college or technical institute, interested in the industry and sponsored by a member.

MEMBERSHIP SERVICES: Standards development; contact with other members in industry; manpower development.

MEETINGS: Semiannual (late June and late January or early February).

PROFESSIONAL ACTIVITIES: *Research:* Wide ranging program of research and study on many phases of heating, refrigeration and air conditioning (\$300,000 per year). *Educational:* Technical sessions, symposia and forums at national meetings; chapter-sponsored scholarships, symposia and lecture series; technical programs at chapter meetings. *Prizes and Awards:* ASHAE - Homer Addams Award, annual, certificate and \$600, to a graduate student working on an ASHRAE Research Project. ASHRAE - Alco Award, annual, medal and inscribed scroll, sponsored by the Alco Valve Company, to a member of the Society who distinguished himself conspicuously, on a voluntary basis, in behalf of his community or his country; F. Paul Anderson Award, annual, gold medal and certificate, notable scientific achievement or outstanding services performed in the field of heating, ventilating or air conditioning; Lincoln Bouillon Membership Award, annual, inscribed gold medal, the most outstanding work in increasing the membership of the Society; Distinguished Service Award, certificate, to a member at least 45 years of age for distinguished service to the Society; Fellow, conferred on a Member for unusual distinction in the arts relating to the sciences of heating, refrigeration, air-conditioning or ventilation; Honorary Member, three annually, any person of prominent professional distinction, not necessarily a member; ASHRAE - Willis H. Carrier Award, annual, certificate and \$250, technical paper at national meeting by member under 32 years of age; Klaxon Award, annual, certificate and \$150, sponsored by Texas Instruments, Inc., best paper published by the Society on a subject related to electric motors or controls; Wolverine-ASHRAE Diamond Key Award, annual, sponsored by Calumet and Hecla, Inc., best paper published in full by the Society during the previous calendar year.

PUBLICATIONS: *ASHRAE Guide and Data Book*, annual, \$15 (members), \$30 (nonmembers). Editor: Carl W. MacPhee. *ASHRAE Journal*, monthly, current volume: 13, \$5 (members), \$10 (nonmembers). Editor: James H. Cansdale. *ASHRAE Transactions*, annual, current volume: 76, \$10 (members), \$20 (nonmembers). Editor: David Houston. *ASHRAE Handbook of Fundamentals*, \$10 (members), \$20 (nonmembers). Editor: Carl W. MacPhee.

197 AMERICAN SOCIETY OF HOSPITAL PHARMACISTS. 4630 Montgomery Avenue, Bethesda, Md. 20014. (301) 657-3000. President: Herbert S. Carlin. Term expires March

1971. President-Elect: R. David Anderson. Treasurer: Milton W. Skolast. Term expires March 1971. Executive Director: Joseph A. Oddis. Term expires April 1972.

HISTORY AND ORGANIZATION: Founded in 1942 as the American Society of Hospital Pharmacists (ASHP), an outgrowth of the Sub-Section of Hospital Pharmacy of the American Pharmaceutical Association. Incorporated 1955 in the District of Columbia. *Geographic Divisions:* Seventy-seven chapters. *Scientific and Technical Committees:* Communications; Education and Training; Pharmacologic and Regulatory Services; Professional Practice; Society Services; Scientific Services. *Relationship with Other Societies:* Affiliated with the American Pharmaceutical Association (APhA).

PURPOSE: To (1) provide the benefits and protection of a qualified hospital pharmacist to the patient, to the institution which he serves, to the members of allied health professions with whom he is associated, and to the profession of pharmacy; (2) assist in providing an adequate supply of such qualified hospital pharmacists; (3) assure a high quality of professional practice through the establishment and maintenance of standards of professional ethics, education, and attainments and through the promotion of economic welfare; (4) promote research in hospital pharmacy practices and in the pharmaceutical sciences in general; (5) disseminate pharmaceutical knowledge by providing for interchange of information among hospital pharmacists and members of allied specialties and professions.

MEMBERSHIP: Active (5,586), member of APhA, legally qualified pharmacist practicing in a hospital or related institution, or actively engaged in the administration, planning, or supervision of pharmaceutical practices in hospitals or related institutions; Associate Supporting (736), member of APhA, individual other than hospital pharmacist who by his work in health field is eligible for membership; Student (344), student member of APhA, individual enrolled in undergraduate program in accredited colleges of pharmacy; Foreign (82), hospital pharmacist engaged in practice outside the United States, non-citizen.

MEMBERSHIP SERVICES: Writes standards and guidelines of practice; accredits residency training programs in hospital pharmacy; represents interests of members before government agencies and Congress; provides a loan service of materials used to improve professional practice; conducts an economic security program for members; monitors trends within the profession.

MEETINGS: Annual (Spring); Midyear Clinical Meeting (December).

PROFESSIONAL ACTIVITIES: *Research:* Salary survey; survey of drug information centers; index of current studies in hospital pharmacy; readership survey of *International Pharmaceutical Abstracts*; survey of projected utilization of an abridged formulary service. *Educational:* Training Course on Radiological Health for Pharmacists; ASHP-Abbott Institute on Parenteral Hyperalimentation; Institute on Personnel Relations in Hospital Pharmacy; Institute on General Practice of Hospital Pharmacy; Institute on Unit-Dose Drug Distribution Systems; Institute on Drug Interactions and Clinical Communications; Annual ASHP International Clinical Study Tour. *Prizes and Awards:* HAK Whitney Lecture Award, annual, outstanding contribution to hospital pharmacy; Board of Directors Award of Honor, outstanding contribution to the health field; Donald E. Francke Medal of the ASHP, outstanding international contribution to hospital pharmacy; Research and Education Foundation Award, outstanding contributions to

the pharmaceutical literature in the field of hospital pharmacy. **PUBLICATIONS:** *American Journal of Hospital Pharmacy*, monthly, current volume: 28, \$20. Editor: G. Provost. *International Pharmaceutical Abstracts*, 24 issues per year, current volume: 8, \$100 (plus \$40 initially). Editor: D. R. Toussaint. *ASHP Newsletter*, monthly, current volume: 4. Editor: G. Provost. *American Hospital Formulary Service*, six issues per year, \$10 (plus \$25 initially). Editor: Mary Jo Reilly.

198 THE AMERICAN SOCIETY OF HUMAN GENETICS. *Address communications to:* Walter E. Nance, Secretary, Indiana University Medical Center, 1100 West Michigan Avenue, Indianapolis, Ind. 46202. (317) 264-7966. President: Alexander Bearn. Term expires December 1971. President-Elect: John B. Graham. Secretary: Walter E. Nance. Term expires December 1973. Treasurer: Barbara Bowman. Term expires December 1972.

HISTORY AND ORGANIZATION: Incorporated in Washington, D.C. in 1948. *Scientific and Technical Committees:* Social Issues. *Relationship with Other Societies:* Affiliated with American Institute of Biological Sciences.

PURPOSE: To (1) bring into closer contact investigators in the many general fields of research which involve human genetics; (2) encourage and integrate research in human genetics; (3) deal with other problems related to human genetics.

MEMBERSHIP: Active (812), resident of North America with demonstrated ability in research in human genetics; Corresponding (129), nonresident of North America, meeting active requirement; Associate (68), bona fide student of medicine, dentistry, or biology.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research:* With the Genetics Society of America, a survey of research support of U.S. geneticists. *Prizes and Awards:* William Allan Memorial Award, annual, significant contribution in the area of human genetics.

PUBLICATIONS: *American Journal of Human Genetics*, bi-monthly, current volume: 23, \$20. Editor: Arno G. Motulsky.

199 AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS. Business Office, Division of Reptiles, U.S. National Museum, Washington, D.C. 20560. President: Robert W. Harrington, Jr. Term expires December 1971. President-Elect: Joseph R. Bailey. Secretary: Richard Highton. Term expires December 1971. Treasurer: Robert H. Gibbs, Jr. Term expires December 1971.

HISTORY: Incorporated in Washington, D.C.

PURPOSE: To advance the study of fishes, amphibians, and reptiles.

MEMBERSHIP: Regular; Student; Foreign.

MEETINGS: Annual (usually Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Stoye Awards, one in herpetology and one in ichthyology, for the best student papers in each field presented at the annual meeting.

PUBLICATIONS: *Copeia*, quarterly. Editor: George J. Jacobs.

AMERICAN SOCIETY OF INSPECTORS OF PLUMBING AND SANITARY ENGINEERS. See AMERICAN SOCIETY OF SANITARY ENGINEERING FOR PLUMBING AND SANITARY RESEARCH.

200 AMERICAN SOCIETY OF INTERNAL MEDICINE. 525 Hearst Building, San Francisco, Calif. 94103. (415) 362-5518. President: Joseph T. Painter. Term expires March 1971.

President-Elect: Otto C. Page. Secretary-Treasurer: Blaine Z. Hibbard. Term expires March 1971. Executive Director: William R. Ramsey.

HISTORY AND ORGANIZATION: Formed in 1956 as a Federation of State, District, Territorial and Commonwealth Societies of qualified internists. Incorporated 1958 in California. *Geographic Divisions:* Fifty-one. *Scientific and Technical Committees:* Councils: Liaison; Research and Development; Professional Practice; Internal Affairs. Within the Research and Development Council are committees on: Surveys; Health Care Technology; Health Care Systems; Health Manpower; Patient Care; Quality Evaluation. *Relationship with Other Societies:* All states (except Alaska) plus District of Columbia and Puerto Rico have component organizations that make up the Federation electing delegates to the ASIM House of Delegates.

PURPOSE: To study the scientific, economic, social and political aspects of medicine at a national level in order to secure and maintain the best patient care and the highest standard of practice in internal medicine.

MEMBERSHIP: Active (10,452), physicians certified by American Board of Internal Medicine or having five years practice in internal medicine; Honorary (23), elected for outstanding qualifications or contributions; Candidate (248), physicians in training; Inactive (288); Retired (6).

MEMBERSHIP SERVICES: Resource information on government medical programs; socioeconomic information in internal medicine; assistance in documentation of services; information on advancements in the science of the delivery of health care; clearing, printing, editing, and administrative services to component societies.

MEETINGS: Annual (March and April); Interim (September or October).

PROFESSIONAL ACTIVITIES: *Research:* Development of methodology for evaluation of quality care in internists' offices (HEW contract); pharmaceutical survey of membership; group practice surveys; development of mark sense history and physical forms. *Educational:* Curriculum for allied health professionals; socioeconomic course for interns and residents as well as medical students; manual on peer review.

PUBLICATIONS: *The Internist*, monthly, current volume: 12, \$5. Editor: Clyde C. Greene, Jr.

201 AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, INC. 2011 Eye Street, N.W., Washington, D.C. 20006. (202) 659-9550. President: Raymond L. Freeman. Term expires June 1973. Secretary-Treasurer: Benjamin Gary. Term expires June 1973. Executive Director: Alfred B. LaGasse.

HISTORY AND ORGANIZATION: Founded in Boston, Massachusetts in 1899. Incorporated in Massachusetts on March 11, 1916. *Geographic Divisions:* Twenty-three. *Scientific and Technical Committees:* Interprofessional Council on Environmental Design; County and Regional Parks; Education; Highways and Parkways; Historic Preservation; Landscape Conservation; National and State Parks and Forests; National Capital; Planning and Urban Development; Research; Urban Design; Urban Parks and Recreation. *Relationship with Other Societies:* The American Society of Landscape Architects Foundation is the educational and research arm of the Society.

PURPOSE: To advance education and skill in the art of landscape architecture as an instrument of service in the public welfare.

MEMBERSHIP: Fellow (100), Member for 10 years, outstanding contributions to the profession; Member (1,500), landscape architect with degree from accredited institution, at least three years acceptable experience; Associate (1,300), landscape

architect with degree from accredited institution, serving internship; Student (600), student duly enrolled in accredited course of landscape architecture.

MEMBERSHIP SERVICES: Career guidance; placement service; registration for landscape architects, by state.

MEETINGS: Annual (late Spring or early Summer).

PROFESSIONAL ACTIVITIES: *Research:* Studies on the profession of landscape architecture, urban school site development, functional uses of plant materials in the environment and street graphics. *Educational:* Accreditation of 22 schools of landscape architecture in the United States; development of educational criteria for developing schools of landscape architecture; continuing education programs through management seminars. *Prizes and Awards:* American Society of Landscape Architects Medal, annual, outstanding landscape architect based on design of executed work; President's Cup, Society chapter with the best public relations program for the year; Bradford Williams Medal, annual, outstanding article in *Landscape Architecture*; Professional Award, annual, outstanding works of landscape architecture submitted for display during annual meeting.

PUBLICATIONS: *Landscape Architectural News Digest*, monthly, current volume: 12 \$3.50. Editor: Alan T. Rains, Jr. *ASLA Bulletin*, monthly, current volume: 191. Editor: Alan T. Rains, Jr.

202 AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY, INC. Address communications to: George W. Saunders, Jr., Secretary, Department of Zoology, University of Michigan, Ann Arbor, Mich. 48104. (313) 764-1478. President: Clifford Mortimer. Term expires June 1971. President-Elect: I. E. Wallen. Secretary: George W. Saunders, Jr. Term expires June 1973. Treasurer: Alfred M. Beeton. Term expires June 1972.

HISTORY AND ORGANIZATION: Founded January 2, 1936 in St. Louis, Missouri. Incorporated in Madison, Wisconsin April 26, 1956. *Geographic Divisions:* Two.

PURPOSE: To promote the interest of limnology and oceanography and related sciences and the furtherance of investigation dealing with these subjects and the publication of the results of such investigations.

MEMBERSHIP: Active, persons interested in an aspect of limnology or oceanography; Associate, students or second member of a single family; Student, full-time students at any institution of learning; Emeritus, 65 years of age or older, member of Society for 20 years. Total membership 2,548.

MEETINGS: Annual (Summer).

PUBLICATIONS: *Limnology and Oceanography*, bimonthly, current volume: 16, \$20. Editor: Yvette H. Edmondson. *Membership Directory of the American Society of Limnology and Oceanography, Inc.*, irregular. Editor: George W. Saunders, Jr.

203 AMERICAN SOCIETY OF MAMMALOGISTS. Oklahoma State University Museum, Stillwater, Okla. 74074. (405) 372-6211. President: James N. Layne. Term expires June 1971. Secretary-Treasurer: Byron P. Glass.

HISTORY AND ORGANIZATION: Founded and incorporated in Washington, D.C. in April 1919. *Scientific and Technical Committees:* Anatomy and Physiology; Bibliography; Conservation of Land Mammals; Marine Mammals; Nomenclature. *Relationship with Other Societies:* Affiliated with International Union for the Conservation of Nature.

PURPOSE: To (1) conduct an annual meeting; (2) publish a

periodical; (3) conduct research; (4) engage in such other activities as may be deemed expedient to the promotion of the science of mammalogy.

MEMBERSHIP: Annual (3,100), nomination by a member; Life (370); Honorary (15), elected by membership for outstanding service to the profession; Emeritus (25), after 25 years membership.

MEETINGS: Annual (mid-June).

PROFESSIONAL ACTIVITIES: *Educational:* Grant fund for predoctoral student research. *Prizes and Awards:* Three annual honoraria for best papers in a competition open to predoctoral students.

PUBLICATIONS: *Journal of Mammalogy*, quarterly, current volume: 52, \$11. Editor: J. Knox Jones. Special Book Publications, irregular. Editor: J. K. Jones. *Mammalian Species*, irregular, current volume: 7, \$12/1st 200 pp. Editor: Sydney Anderson.

204 THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: Allen F. Rhodes. Term expires June 1971. President-Elect: Kenneth A. Roe. Executive Director-Secretary: O. B. Schier, II. Term indefinite. Treasurer: Arthur M. Perrin. Term expires June 1971.

HISTORY AND ORGANIZATION: Founded 1880. Incorporated 1881 in New York State. *Geographic Divisions:* One hundred and twenty-seven sections; fifteen subsections; eighteen groups. *Specialty Divisions:* Air Pollution Control; Applied Mechanics; Automatic Control; Aviation and Space; Biomechanical and Human Factors; Design Engineering; Energetics; Fluids Engineering; Fuels; Gas Turbine; Heat Transfer; Incinerator; Management; Materials Handling Engineering; Metals Engineering; Nuclear Engineering; Petroleum; Plant Engineering and Maintenance; Power; Pressure Vessels and Piping; Production Engineering; Rail Transportation; Rubber and Plastics; Safety; Solar Energy Applications; Textile Engineering; Underwater Technology. *Scientific and Technical Committees:* Boiler Feedwater Studies; Condenser Tubes; Contact Fatigue of Rolling Elements; Corrosion and Deposits from Combustion Gases; Effect of Radiation on Materials; Fluid Meters; Industrial Wastes; Lubrication; Pressure Technology; Prevention of Fracture in Metals; Properties of Steam; Temperature Measurement; Water Requirements for Buildings; Effect of Temperature on Properties of Metals.

PURPOSE: To (1) promote the art and science of mechanical engineering and the allied arts and sciences; (2) encourage original research; (3) foster engineering education; (4) advance the standards of engineering; (5) promote the intercourse of engineers among themselves and with allied technologists; (6) broaden the usefulness of the engineering profession in cooperation with other engineering and technical societies; (7) promote a high level of ethical practice.

MEMBERSHIP: Honorary, distinctive accomplishment in engineering, science, industry, research or public service; Fellow (952), acknowledged engineering attainments, 25 years of active practice in the engineering or teaching profession, and 13 years in the grade of Member; Member (26,333), attainments amounting to 12 years of active practice in the engineering or teaching profession, five years of which shall have been in a position of responsible charge of engineering work; Associate (27,462), attainments amounting to the equivalent of eight years of active practice in the engineering or teaching profession; Executive Affiliate (209), attainment of a position of policy-making authority and recognized leadership in some

pursuit related to engineering; Affiliate (440), capable and interested in rendering service to the field of engineering; Student (6,365), student regularly enrolled and pursuing an approved engineering curriculum.

MEETINGS: Semiannual (June and November).

PROFESSIONAL ACTIVITIES: *Research:* The Policy Board, Research supervises the activities of the 14 Research Committees. The committees direct and supervise the investigation, collection, tabulation and correlation of existing data and information in their fields, and when the need is sufficient to warrant research, they plan, arrange for financing and direct research programs which are conducted under contract by individuals or research groups having facilities for doing the work. The cost of such research is underwritten by contributions, mostly from industry and trade associations, and to a lesser degree, from government agencies. Approximately \$350,000 is spent annually on the various research programs. *Prizes and Awards:* Twenty-five medals, honors and awards recognizing distinguished achievements of engineers and important contributions to engineering literature by engineers and engineering students are awarded.

PUBLICATIONS: *Mechanical Engineering*, monthly, current volume: 93, \$10 (nonmembers), \$3.50 (members). Editor: J. J. Jaklitsch, Jr. *Transactions*, quarterly, current volume: 93, \$104. Editor: J. J. Jaklitsch, Jr. *Applied Mechanics Reviews*, monthly, current volume: 24, \$125. Editor: Stephen Juhász.

AMERICAN SOCIETY OF MICROSCOPISTS. See AMERICAN MICROSCOPICAL SOCIETY.

AMERICAN SOCIETY OF MILLING AND BAKING TECHNOLOGY. See AMERICAN ASSOCIATION OF CEREAL CHEMISTS, INC.

205 THE AMERICAN SOCIETY OF NATURALISTS. Address communications to: Janice B. Spofford, Secretary, Department of Biology, University of Chicago, Chicago, Ill. 60637. (312) 753-2715. President: Harlan Lewis. Term expires December 1971. Secretary: Janice B. Spofford. Term expires December 1973. Treasurer: Leigh Van Valen. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded 1883. *Relationship with Other Societies:* Affiliated with the American Institute of Biological Sciences and the American Association for the Advancement of Science.

PURPOSE: To advance and diffuse biological knowledge emphasizing the broader biological problems and organic evolution, thus serving to correlate the various biological sciences into a common philosophy of biology.

MEMBERSHIP: Active (600), nomination by two members, election by executive committee, active research interest in subject; Emeritus (80), retirement from professional post; Honorary (8), majority vote of members present at meeting.

MEETINGS: Annual (December).

PUBLICATIONS: *The American Naturalist*, bimonthly, current volume: 105, \$12.50, \$7 (students). Editor: Robert R. Sokal.

206 THE AMERICAN SOCIETY OF NAVAL ENGINEERS, INC. Suite 507, 1012 14th Street, N.W., Washington, D.C. 20005. (202) 737-0757. President: Nathan Sonenshein. Term expires June 1971. President-Elect: Ellis L. Perry. Secretary-Treasurer: Frank G. Law. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1888 in

Washington, D.C. Incorporated 1946 in Washington, D.C. *Geographic Divisions*: Eleven.

PURPOSE: To (1) promote knowledge of all branches of naval engineering by reading, discussing and publishing papers on professional subjects; (2) bring together the results of experience acquired by engineers in all parts of the world and publish them in the *Journal of the Society*; (3) publish the results of such experimental and other inquiries as may be deemed of value to the advancement of the science; (4) record historical events in the lives of engineers.

MEMBERSHIP: Naval, officers in the U.S. Navy, Coast Guard, Marine Corps; Civil, active in engineering profession for eight years, five years in charge, qualified to design and direct engineering work; Associate, officers of other services and those in civil life over 30 years of age not qualified for Civil membership; Junior, those under 30 years of age qualified for Naval or Civil membership except for experience; Student, full-time students.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Gold Medal, annual, to most outstanding naval engineer of the preceding year; Sulberg Award, most significant contribution in research and development; Jimmie Hamilton Award, best paper published in preceding year's *Journal*; Student Awards, outstanding student in naval engineering at the U.S. Naval Academy, Coast Guard Academy and Maritime Academy.

PUBLICATIONS: *Naval Engineers Journal*, bimonthly, current volume: 85, \$20 (domestic), \$30 (foreign). Editor: Frank G. Law.

207 THE AMERICAN SOCIETY OF PARASITOLOGISTS.

Address communications to: Donald V. Moore, Secretary-Treasurer, Southwestern Medical School, Dallas, Tex. 75235. (214) 631-3221. President: Walford S. Bailey. Term expires December 1971. President-Elect: Paul P. Weinstein. Secretary-Treasurer: Donald V. Moore. Term indefinite.

HISTORY AND ORGANIZATION: Formed by a group of parasitologists attending the meeting of the American Association for the Advancement of Science (AAAS) in 1924. First annual meeting held in conjunction with AAAS in Kansas City in 1925. Incorporated 1932 in the District of Columbia. The first affiliate was recognized in 1958. *Scientific and Technical Committees*: Nomenclature and Terminology; Translations; Education; International Union of Biological Sciences International Program. *Relationship with Other Societies*: Affiliates: Southern California Parasitologists; Annual Midwestern Conference of Parasitologists; Helminthological Society of Washington; Southwestern Association of Parasitologists; Southeastern Society of Parasitologists; Northern California Parasitologists; Rocky Mountain Conference of Parasitologists.

PURPOSE: To foster association of persons interested in parasitology and related sciences to improve teaching, promote investigation, and advance knowledge of these sciences.

MEMBERSHIP: Active (1,591), interest in parasitology, election by Council; Honorary (15), distinction in parasitology, usually foreign nonmember, elected by members; Emeritus (14), distinction in parasitology, service to society, retired, elected by members.

MEMBERSHIP SERVICES: Consultation on nomenclature and taxonomy; career information; index and back issues of *Journal*; translations.

MEETINGS: Annual (August or November).

PROFESSIONAL ACTIVITIES: *Educational*: Symposia on teaching of general parasitology, medical parasitology,

veterinary parasitology and graduate education in parasitology; career booklet. *Prizes and Awards*: The Henry Baldwin Ward Medal, annual, outstanding work by youthful researcher.

PUBLICATIONS: *Journal of Parasitology*, bimonthly, current volume: 57, \$25. Editor: Justus F. Mueller.

AMERICAN SOCIETY OF PERIODONTISTS. See THE AMERICAN ACADEMY OF PERIODONTOLOGY.

208 AMERICAN SOCIETY OF PHARMACOGNOSY. *Address*

communications to: Jack K. Wier, Secretary, Beard Hall, University of North Carolina, Chapel Hill, N.C. 27514. (919) 966-1121. President: Lynn R. Brady. Term expires Summer 1971. President-Elect: E. John Staba. Secretary: Jack K. Wier. Term expires Summer 1973. Treasurer: Leonard R. Worthen. Term expires Summer 1973.

HISTORY: Founded 1959. Incorporated 1965 in the District of Columbia.

PURPOSE: To (1) provide the opportunity for association among workers in pharmacognosy and related sciences; (2) provide opportunities for presentation of research achievements; (3) promote the publication of meritorious research.

MEMBERSHIP: Active, open to pharmacognosists of all nations and other interested persons who are elected to membership; Associate, open to students of pharmacognosy and allied fields; Honorary; Patron; Sustaining; Benefactor.

MEETINGS: Annual (Summer)

PUBLICATIONS: *Lloydia*, quarterly. Editor: Arthur E. Schwarting. *ASP Newsletter*, 3 issues per year. Editor: Ralph N. Blomster.

AMERICAN SOCIETY OF PHILADELPHIA. See THE AMERICAN PHILOSOPHICAL SOCIETY HELD AT PHILADELPHIA FOR PROMOTING USEFUL KNOWLEDGE.

209 AMERICAN SOCIETY OF PHOTOGRAMMETRY. 105 N.

Virginia Avenue, Falls Church, Va. 22046. (703) 534-6617. President: Joseph B. Burns. President-Elect: Robert E. Altenhofen. Executive Director: Lawrence P. Jacobs.

HISTORY AND ORGANIZATION: Founded in 1934. Incorporated the same year in the District of Columbia. *Geographic Divisions*: Seventeen regions; eight chapters. *Specialty Divisions*: Remote Sensing and Interpretation; Photography; Photogrammetric Surveys. *Scientific and Technical Committees*: Research; Technical Information; Nomenclature; Standards (ad hoc); many functional technical committees within the three divisions. *Relationship with Other Societies*: Joint annual conventions with the American Congress on Surveying and Mapping.

PURPOSE: To (1) advance knowledge in the art and science of photogrammetry; (2) provide means for the dissemination of new knowledge and information; (3) encourage the free exchange of ideas and communication among those contributing to the advance of photogrammetry; (4) stimulate student interest in photogrammetry; (5) exert its efforts toward the improvement of standards; (6) uphold high ethical principles; (7) extend and encourage the use of photogrammetry in related fields.

MEMBERSHIP: Individual (5,300), stated interest in the field of photogrammetry; Student (550), certification by senior instructor; Emeritus (70), age 65 and 25 years of membership; Honorary (19), selection by special committee and approval by Board of Direction; Sustaining (company) (85), expressed interest, approval of Board of Direction.

MEMBERSHIP SERVICES. Special rates on all publications of the Society; special rates on registration at meetings; free information service; assistance in job location; information on appropriate courses at schools and colleges.

MEETINGS: Annual (March); Fall Technical Meeting.

PROFESSIONAL ACTIVITIES: *Research:* Annual assessment of research activities and progress in the field of photogrammetry and related fields. *Educational:* Distinguished Lecturer Program (with support from National Science Foundation); comprehensive listing of available courses and curricula of schools and colleges; local educational programs, science fairs, etc.; society manuals used as texts in many schools and colleges; Wild Heerbrugg Fellowship (\$3,000 annually). *Prizes and Awards:* Honorary Membership; Luis Struck Award; Autometric Award; ALL Award; Fairchild Award; Talbert Abrams Award; Bausch and Lomb Award, annual, \$200 to two student members.

PUBLICATIONS: *Photogrammetric Engineering*, monthly, current volume: 37, \$20. Editor: G. Carper Tewinkel. *ASP Newsletter*, monthly. Editor: William D. Lynn. *Technical Papers from Annual Meeting*, annual, \$2.50 (members), \$5 (nonmembers). *Papers from the Fall Convention*, annual, \$2.50 (members), \$5 (nonmembers).

AMERICAN SOCIETY OF PHYSICAL MEDICINE. See AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION.

210 AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS. 7720 Wisconsin Avenue, N.W., Bethesda, Md. 20014. (301) 657-9855. President: Anton Lang. Term expires September 1971. President-Elect: Harold J. Evans. Secretary: William S. Hillman. Term expires September 1971. Executive Secretary-Treasurer: William H. Klein. Term expires September 1972.

HISTORY AND ORGANIZATION: Founded 1924 at the University of Chicago. Incorporated the same year in the District of Columbia. *Geographic Divisions:* Six. *Scientific and Technical Committees:* Professional Training; Education; Public Policy; Monographs. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; adherent society of the American Institute of Biological Sciences; member society of the International Association for Plant Physiology and the American Forage and Grassland Council.

PURPOSE: To (1) encourage and promote the growth and development of plant physiology as a pure and applied phase of botanical science; (2) publish the results of meritorious research in plant physiology; (3) promote the general welfare and good fellowship of plant physiologists.

MEMBERSHIP: Regular (2,314), sympathy with purposes of organization; Student (372); Life (58); Spouse (10); Corresponding (17); election; Emeritus (99), 65 years of age and 20 years continuous membership.

MEETINGS: Annual (August or September)

PROFESSIONAL ACTIVITIES: *Research:* Inventory of research and training, current funds and future needs. *Educational:* Preparation of a career brochure; compilation of a directory of films suitable for use in plant physiology courses; 1970 Micro-symposium on the Separation of Plant Particles. *Prizes and Awards:* Stephen Hales Prize, biennial, to residents of North America who have served the science of plant physiology in some noteworthy manner; Charles Reid Barnes Life Membership, annual, for character and quality of work to candidates 60 years and above, with special consideration to associates of

C. R. Barnes; Charles Albert Shull Award, biennial, outstanding investigations in the field of plant physiology by a scientist residing in North America under 40 years of age; Charles F. Kettering Award, biennial, excellence in photo-synthesis.

PUBLICATIONS: *Plant Physiology*, monthly, current volume: 47, \$70. Editor: Martin Gibbs. *American Society of Plant Physiologists, Bulletin*, annual, current volume: 26. Editor: William H. Klein. *Supplement to Plant Physiology*, annual, current volume: 47. Editor: William S. Hillman. *Careers in Plant Physiology*, irregular. Editor: Carl Price.

211 AMERICAN SOCIETY OF PLANT TAXONOMISTS, INC.

Address communications to: Lorin I. Nevling, Jr., Secretary, Harvard University Herbaria, 22 Divinity Avenue, Cambridge, Mass. 02138. (617) 495-2348. President: Robert K. Godfrey. Term expires December 1971. Secretary: Lorin I. Nevling, Jr. Term expires December 1971. Treasurer: Willard W. Payne. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded 1935. Incorporated in Ames, Iowa, December 28, 1964. *Scientific and Technical Committees:* Education. *Relationship with Other Societies:* Represented on Council of the American Association for the Advancement of Science; represented on Governing Board of the American Institute of Biological Sciences; represented on Council of the National Research Council.

PURPOSE: To promote taxonomy and systematic botany of vascular and non-vascular plants, including phylogeny, phytogeography, ecology, floristics and like subjects, and the methods of experimental taxonomy, of morphology and of other disciplines insofar as they bear upon taxonomy, as well as those of the herbarium.

MEMBERSHIP: Member (561), interest in Society; Student (108), bona fide students; Family (11).

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* George R. Cooley Prize for the most outstanding paper presented at the annual meeting.

PUBLICATIONS: *Brittonia*, quarterly, current volume: 23, free to members. Editor: John Reeder.

212 AMERICAN SOCIETY OF PLASTIC AND RECONSTRUCTIVE SURGEONS, INC. 29 East Madison Street, Chicago, Ill. 60602. (312) 641-0593. President: Stephen R. Lewis.

Term expires October 1971. President-Elect: George F. Crikelaar. Secretary: Frederick J. McCoy. Term expires October 1971. Treasurer: David E. Sullivan. Executive Director: Dallas F. Whaley.

HISTORY AND ORGANIZATION: Founded in New York City in 1931. Incorporated 1945 in New York State. *Scientific and Technical Committees:* Journal Bibliography; Medical-Legal Survey; Medical Economics; National Research and Legislation; Joint Forward Planning Commission; Cleft Palate; Joint Public Relations; Awards; Special Services; Ad Hoc Committee on Scope and Planning. *Relationship with Other Societies:* Sponsoring organization of the Educational Foundation of the American Society of Plastic and Reconstructive Surgeons; shares executive offices with American Association of Plastic Surgeons, Plastic Surgery Research Council, American Society of Maxillofacial Surgeons and the American Society of Aesthetic Plastic Surgery.

PURPOSE: To (1) promote and further medical and surgical training and research pertaining to the study and treatment of congenital and acquired deformities; (2) disseminate

information regarding clinical and scientific progress of plastic and reconstructive surgery.

MEMBERSHIP: Active, surgeons of high moral standing and professional qualification, citizens of the United States or Canada, at least one year as Candidate member upon completion of certification by the American Board of Plastic Surgery, or its Canadian equivalent; Corresponding, foreign surgeons of appropriate training and achievement; Honorary, exceptional eminence and substantial contribution to the advancement of plastic and reconstructive surgery; Life, Active membership for at least 25 years; Associate, extra-specialty physicians or scientists engaged in one or more phase of plastic and reconstructive surgery; Candidate, physicians who have satisfactorily completed approved formal training to qualify for certification.

MEMBERSHIP SERVICES: Information center; residency training placement bureau.

MEETINGS: Annual (October); Foundation Scientific Programs (Quarterly).

PROFESSIONAL ACTIVITIES: *Research:* Study of utilization and training of technicians in surgery; study of the rising costs and availability of professional liability insurance and their causes. *Educational:* Educational Foundation sponsors an annual essay contest, scholarships, teaching symposia, preparation of audio tapes, of movies and of self-teaching aids and a program of foreign visiting professorships. *Prizes and Awards:* Dow Corning Award.

PUBLICATIONS: *Plastic and Reconstructive Surgery*, monthly, current volume: 47, \$25. Editor: Frank McDowell. *Plastic Surgery Newsletter*, irregular, current volume: 8, free to members. Editor: Jerome E. Adamson.

213 AMERICAN SOCIETY OF PSYCHOSOMATIC DENTISTRY AND MEDICINE. *Address communications to:* Paul B. Van Dyke, Secretary-Treasurer, 108 Washington Avenue, Suffern, N.Y. 10901. (914) 357-0785. President: Leo Wollman. Term expires 1973. Secretary-Treasurer: Paul B. Van Dyke. Term expires 1973.

HISTORY: Organized first as the American Society for Psychosomatic Dentistry on June 24, 1948. In 1958 physicians were admitted to membership and the name of the organization was changed to its present form.

PURPOSE: To inculcate in the practices of those professional practitioners of hypnosis a strong desire to advance in both thinking and practice for the ultimate benefit of their patients by means of sectional meetings, annual meetings, seminars and instruction groups for individual and group training in the principles and practice of scientific hypnosis.

MEMBERSHIP: Individual (115), holder of a D.D.S., D.M.D., M.D. or Ph.D., membership in the American Dental Association, American Medical Association or American Psychological Association, active interest in the psychosomatic aspects of dentistry and medical practice; Honorary (7), person who has made outstanding contributions to the advancement of hypnosis and applied psychology, by election; Fellow (10), active member for five years who meets at least two of the following requirements: (a) has published books or articles on hypnosis and/or applied psychology, (b) has submitted to the Board of Directors an acceptable thesis on hypnosis and/or applied psychology, (c) has made outstanding contributions to the acceptance of hypnosis and applied psychology by the professions, (d) has made outstanding contributions to the acceptance of hypnosis and applied psychology by the public, (e) has made outstanding contributions to the furthering of the

objectives of this Society and has been nominated and elected by majority vote of a business session.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Instruction in hypnotherapy.

PUBLICATIONS: *Journal of the American Society of Psychosomatic Dentistry and Medicine*, quarterly, current volume: 17, \$12. Editor: Leo Wollman.

AMERICAN SOCIETY OF RADIOGRAPHERS. See THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS.

214 THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS. 645 North Michigan Avenue, Chicago, Ill. 60611. (312) 944-3410. President: Leslie Wilson. Term expires June 1971. President-Elect: George F. Koenig. Secretary-Treasurer: Barbara M. Curcio. Term expires June 1971. Executive Director: Robert C. Best.

HISTORY AND ORGANIZATION: Founded in October 1920 in Chicago, Illinois as the American Association of Radiological Technicians. Named changed to the American Society of Radiographers in 1930. Incorporated 1932 in Minnesota. Named changed to the American Society of X-Ray Technicians in 1934. Present name adopted in 1963. *Geographic Divisions:* Fifty-three. *Relationship with Other Societies:* Administratively affiliated with the American Registry of Radiologic Technologists.

PURPOSE: To (1) promote the science and art of radiography; (2) assist in establishing approved standards of training and recognized qualifications for those engaged in technical radiography.

MEMBERSHIP: Active (9,866), technologists in good standing with the American Registry of Radiologic Technologists; Inactive (1,088), former members no longer actively engaged in the field of radiologic technology; Associate (124), registered technologists in the commercial field or holders of a certificate of achievement issued by the American Registry of Radiologic Technologists; Life (6), members who have rendered unusual service to the Society; Honorary (5), persons who, because of their demonstrated interest in its aims and activities, the Society desires to honor; Emeritus (26), members 65 years of age and in good standing for 30 years; Fellow (42), members who have demonstrated outstanding ability in the field of radiologic technology.

MEMBERSHIP SERVICES: Placement service; reference manuals; emblem jewelry; socioeconomic and legislative consultation.

MEETINGS: Annual (June or July).

PROFESSIONAL ACTIVITIES: *Research:* Survey of American Medical Association approved schools of radiologic technology; membership information survey. *Educational:* Institute for Radiologic Technologists. *Prizes and Awards:* Essay Awards, annual; Scientific Exhibit Awards, annual; Jerman Memorial Lecture, annual.

PUBLICATIONS: *Radiologic Technology*, bimonthly, current volume: 42, \$10. Editor: Jean I. Widger. *ASRT Scanner*, bimonthly, current volume: 2, \$1. Editor: Robert C. Best.

AMERICAN SOCIETY OF RANGE MANAGEMENT. See SOCIETY FOR RANGE MANAGEMENT.

AMERICAN SOCIETY OF REFRIGERATING ENGINEERS. See AMERICAN SOCIETY OF HEATING.

REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

215 AMERICAN SOCIETY OF SAFETY ENGINEERS. 850 Busse Highway, Park Ridge, Ill. 60068. (312) 692-4121. President: Allen C. Guy, Jr. Term expires June 1972. President-Elect: B. Gawan Bonner. Managing Director: A. C. Blackman. **HISTORY AND ORGANIZATION:** Founded in 1911 as the United Association of Casualty Inspectors. Merged with the National Safety Council in 1924, becoming its Engineering Section. Reestablished itself in 1947 as an independent organization, The American Society of Safety Engineers (ASSE). Incorporated in New York State in 1915 and in Illinois in 1962. *Geographic Divisions:* Twelve regions; ninety-one chapters. *Scientific and Technical Committees:* Research and Technical Development; Education; Career Development. *Relationship with Other Societies:* Member of the Affiliate Group Council of the American Association for the Advancement of Science.

PURPOSE: To (1) promote the growth and development of the profession; (2) establish and maintain standards for the profession; (3) develop and disseminate material which will carry out the purpose of the Society; (4) develop and promote educational programs for obtaining the knowledge required to perform the functions of a safety professional; (5) promote and conduct research in areas which further the purposes and objectives of the Society; (6) provide forums for the interchange and acquisition of professional knowledge among its members; (7) provide for liaison with related disciplines.

MEMBERSHIP: Honorary (2), persons of national eminence who do not meet the qualifications for membership but who have contributed to the advancement of the safety profession and/or the Society through engineering, science, education, research, administrative or other related activities; Fellow (18), members with accomplishments of national import in areas which have contributed significantly to the advancement of the safety profession; Member (4,561), 30 years of age, qualifications required for Associate, five additional years' experience; Associate (2,087), 20 years of age and (a) engineering degree from an accredited school or legal registration as a professional engineer and one year's experience in safety engineering or supervision over a safety engineering function, or (b) college degree and three years' experience in safety engineering, or (c) five years' experience in safety engineering; Affiliate "A" (1,626), 20 years of age and one year's experience in safety engineering; Affiliate "B" (1,083), 25 years of age and pursuits, attainments in accident prevention or practical experience over a three year period which qualifies him to cooperate with members of the Society or to render it service.

MEMBERSHIP SERVICES: Free listing of "Situations Wanted" in *ASSE Journal*.

MEETINGS: Semiannual (June and October).

PROFESSIONAL ACTIVITIES: *Research:* Survey of the profession; annual studies of educational courses and curricula. *Educational:* Systems Safety Course, cosponsored with George Washington University; curriculum guide for BS in occupational safety; liaison with educational institutions developing curricula and courses in safety. *Prizes and Awards:* Annual Professional Paper Awards (1st, 2nd, and 3rd Place - \$500, \$200, \$100), recognition to the author of outstanding professional papers published in the *ASSE Journal*, to stimulate the acquisition of knowledge and its interchange among members of the safety profession.

PUBLICATIONS: *ASSE Journal*, monthly, current volume: 16,

\$10 (nonmembers). Editor: Henry Cox. *Conference Proceedings*, annual, \$35. Editor: Henry Cox.

216 AMERICAN SOCIETY OF SANITARY ENGINEERING FOR PLUMBING AND SANITARY RESEARCH. 288 Standard Building, Cleveland, Ohio 44113. (216) 621-8520. President: Frank C. Richards. Term expires October 1971. Treasurer: Mike Mercury. Term expires October 1971. Executive Secretary: Sanford Schwartz.

HISTORY AND ORGANIZATION: Originated in January 1906 in Washington, D.C. as the American Society of Inspectors of Plumbing and Sanitary Engineers. Name changed to the American Society of Sanitary Engineering in 1914. Incorporated in 1937 in Washington, D.C. *Geographic Divisions:* Thirty. *Scientific and Technical Committees:* Standards; National Education; Code; Plumbing Nomenclature; Plumbing Testing Laboratory; Water Pollution; Water Conservation.

PURPOSE: To (1) promote sanitary measures recognized as essential to the health of the individual and the nation; (2) encourage the use of materials and methods for the accomplishment of this end; (3) solve, as far as possible, the problems of water supply, water purification, plumbing, drainage, sewerage disposal and standardization in practice and material.

MEMBERSHIP: Active (2,200), direct involvement in plumbing; Associate (100), indirect involvement in plumbing; Sustaining (42), company membership.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Educational opportunities for inspectors and designers; standards for components of plumbing systems. *Educational:* Refresher course program; chapter sponsored class for plumbing designers. *Prizes and Awards:* Dewey R. Dedrick, Jr. Award, best paper submitted on the mechanical aspects of disease research or on the protection of public health and plumbing; Henry B. Davis Award, to member or nonmember who has contributed the most toward the advancement of sanitation in accord with the ideals of the Society.

PUBLICATIONS: *Newsletter*, monthly, current volume: 608, members only. Editor: Sanford Schwartz. *ASSE Yearbook*, annual, current volume: 48, \$5. Editor: Sanford Schwartz.

217 AMERICAN SOCIETY OF SUGAR BEET TECHNOLOGISTS. 156 South College, Fort Collins, Colo. 80521. (303) 482-8250. President: Lloyd Norman. Term expires 1972. President-Elect: R. T. Johnson. Secretary-Treasurer: James H. Fischer. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1935. *Geographic Divisions:* Five. *Specialty Divisions:* Agronomy; Genetics and Variety Improvement; Entomology and Plant Pathology; Agricultural Engineering; Chemistry and Factory Operations; Physiology.

PURPOSE: To (1) foster all phases of sugar beet and beet sugar research; (2) act as a clearinghouse for the exchange of ideas resulting from such work.

MEMBERSHIP: Individual (607) and Company (13), persons, associations, corporations and other organizations interested in the advancement of knowledge of sugar beet production and beet sugar processing; Honorary (10), outstanding service to the beet sugar industry, scientific accomplishment.

MEETINGS: Biennial (late February, even years).

PUBLICATIONS: *Journal of the American Society of Sugar Beet Technologists*, quarterly, current volume: 16, \$9 (domestic), \$10 (foreign). Editor: James H. Fischer.

AMERICAN SOCIETY OF TOOL AND MANUFACTURING ENGINEERS. See SOCIETY OF MANUFACTURING ENGINEERS.

AMERICAN SOCIETY OF TOOL ENGINEERS. See SOCIETY OF MANUFACTURING ENGINEERS.

AMERICAN SOCIETY OF TROPICAL MEDICINE. See THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE.

218 THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE. Address communications to: George R. Healy, Secretary-Treasurer, P.O. Box 15208, Emory University Drive, Atlanta, Ga. 30333. (404) 633-3311. President: William C. Reeves. Term expires November 1971. President-Elect: Paul Thompson. Secretary-Treasurer: George R. Healy. Term expires November 1973.

HISTORY: Formed by the amalgamation of the American Society of Tropical Medicine, founded in 1903, and the National Malaria Society, founded in 1916, the Society was organized November 17, 1951 at Chicago, Illinois and incorporated under the laws of the State of Delaware January 21, 1952.

PURPOSE: To advance tropical medicine and hygiene, including medicine, nursing, engineering, entomology, parasitology, and allied specialties in this field.

MEMBERSHIP: Active (1,500), interest in tropical medicine, proposed by two Active members; Student (45), graduate student in tropical medicine, proposed by two Active members, letter from major professor; Honorary (15), Non-American citizen, eminent contributions to the field; Life (8), Emeritus (48).

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: Prizes and Awards: Bailey K. Ashford Medal, every three years, distinguished work in tropical medicine; Walter Reed Medal, every three years, meritorious achievement in tropical medicine; Joseph Augustin LePrince Medal, every three years, distinguished work in malariaology.

PUBLICATIONS: *American Journal of Tropical Medicine and Hygiene*, bimonthly, current volume: 20, \$15 (members). Editor: Robert B. Watson. *Tropical Medicine and Hygiene News*, bimonthly, current volume: 20, free to members. Editor: Colvin Gibson.

AMERICAN SOCIETY OF WOOD ENGINEERING. See SOCIETY OF WOOD SCIENCE AND TECHNOLOGY.

AMERICAN SOCIETY OF X-RAY AND ELECTRON DIFFRACTION, INC. See AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, INC.

219 AMERICAN SOCIETY OF ZOOLOGISTS. Address communications to: George Sprugel, Jr., Secretary, 175 Natural Resources Building, Urbana, Ill. 61801. (217) 333-6830. President: Arthur D. Hasler. Term expires December 1971. President-Elect: John O. Corliss. Secretary: George Sprugel, Jr. Term expires December 1972. Treasurer: Alan J. Kohn. Term expires December 1973.

HISTORY AND ORGANIZATION: The American Morphological Society, founded in 1890, subsequently became the Eastern Branch of American Society of Zoologists. A Central Branch developed from the Central Naturalists, a group established in

Chicago in 1899. The organization of the American Society of Zoologists, with eastern and western branches, was completed during the years 1901-1903, and the present unified organization emerged from a joint meeting of the branches in Philadelphia in 1913. Incorporated 1964 in Illinois. *Specialty Divisions:* Animal Behavior; Comparative Endocrinology; Comparative Physiology and Biochemistry; Developmental Biology; Invertebrate Zoology; Vertebrate Morphology; Ecology; Systematic Zoology. *Relationship with Other Societies:* Affiliated member of American Institute of Biological Sciences and the American Association for the Advancement of Science.

PURPOSE: To (1) form an association of professional zoologists for the presentation, discussion, and dissemination of new or important facts and concepts in the area of animal biology; (2) adopt and support such measures as shall advance the zoological sciences; (3) promote professional exchange and friendly association among all zoologists.

MEMBERSHIP: Member (2,934), scientific training equivalent to the doctorate, actively engaged in the field of zoology, nominated by member; Study (856), postgraduate student in biological sciences with at least one full year of study toward an advanced degree, nominated by member; Emeritus (151), 68 years of age, 25 year member; Corresponding (11), distinguished scientists outside North America, outstanding contributions to the science of zoology, nominated by five members, elected by Executive Committee.

MEETINGS: Annual (December); occasionally August.

PROFESSIONAL ACTIVITIES: Educational: Refresher courses; summer institutes; regional conferences.

PUBLICATIONS: *American Zoologist*, quarterly, current volume: 11, \$15. Editor: Joseph T. Bagnara.

220 THE AMERICAN SOCIOLOGICAL ASSOCIATION. 1001 Connecticut Avenue, N.W., Washington, D.C. 20036. (202) 347-7140. President: William H. Sewell. Term expires September 1971. President-Elect: William J. Goode. Secretary: Peter H. Rossi. Term expires September 1971. Executive Officer: N. J. Demerath, III.

HISTORY AND ORGANIZATION: Founded in 1905 as the American Sociological Society. Incorporated 1943 in Washington, D.C. Name changed to the American Sociological Association in August 1960. *Specialty Divisions:* Social Psychology; Sociology of Education; Medical Sociology; Theoretical Sociology; Sociology of Language; Family; Occupations and Organizations; Criminology; Methodology. *Scientific and Technical Committees:* Training and Professional Standards; Public Policy; Government Statistics; Information; Technology and Privacy; Legal Protections in Social Research; Freedom of Research and Teaching; Professional Ethics; International Cooperation; Social Studies Curriculum in American Secondary Schools.

PURPOSE: To stimulate and improve research, instruction, and discussion and to encourage cooperative relations among persons engaged in the scientific study of society.

MEMBERSHIP: Active (2,134), Ph.D. or equivalent professional training in sociology or a closely related field or substantial achievement in sociology; Fellow (3,157), five years as Active; Associate (2,952), interested in study, teaching, research or practice in sociology; Student (5,000), primarily graduate students with major in sociology; Foreign Associate (900).

MEETINGS: Annual (late August).

PROFESSIONAL ACTIVITIES: Research: Social studies in the secondary schools; a study for teaching the behavioral sciences

in schools of medicine; research training; survey of graduate departments relating to tenure, salary, teaching loads, etc. *Prizes and Awards:* The Sorokin Award, annual, best publication which contributed outstandingly to the progress of sociology; Dubois-Johnson-Frazier Biennial Award, to a sociologist or an academic institution for an outstanding contribution in the tradition of these men.

PUBLICATIONS: *American Sociological Review*, bimonthly, current volume: 36, \$20 (institutions), \$15 (individuals), members free. Editor: Karl F. Schuessler. *Sociology of Education*, quarterly, current volume: 44, \$9 (institutions), \$7 (individuals), \$5 (members). Editor: Charles E. Bidwell. *American Sociologist*, quarterly, current volume: 6, \$10 (institutions), \$8 (individuals), members free. Editor: Harold Pfautz. *Sociometry*, quarterly, current volume: 34, \$11 (institutions), \$9 (individuals), \$4.50 (members). Editor: Carl Backman. *Journal of Health and Social Behavior*, quarterly, current volume: 12, \$10 (institutions), \$8 (individuals), \$4 (members). Editor: Howard E. Freeman.

AMERICAN SOCIOLOGICAL SOCIETY. See THE AMERICAN SOCIOLOGICAL ASSOCIATION.

221 AMERICAN SPEECH AND HEARING ASSOCIATION. 9030 Old Georgetown Road, Washington, D.C. 20014. (301) 530-3400. President: Jack L. Bangs. Term expires December 1971. President-Elect: Robert Goldstein. Executive Secretary: Kenneth O. Johnson.

HISTORY AND ORGANIZATION: Activated in 1925 as the American Academy of Speech Correction. Became the American Society for the Study of Disorders of Speech in 1927. Name changed to the American Speech Correction Association in 1934. Became the American Speech and Hearing Association (ASHA) in 1947. Incorporated 1947 in Kansas. *Geographic Divisions:* Ten regions. *Scientific and Technical Committees:* Audiologic Standards; Audiometric Evaluation; Clinical Standards; Behavior and Problems in Urban Populations; Communication Problems of the Aging; Dentistry and Speech Pathology-Audiology; Audiology and Education of the Deaf; Language; Infant Hearing Screening; Mental Retardation; Noise as a Public Health Hazard; Preprofessional Education; Prevention of Speech and Language Problems; Recruitment; Rehabilitative Audiology; Scientific Affairs; Speech and Hearing Services in Schools; Supportive Personnel; Continuing Professional Education.

PURPOSE: To (1) encourage basic scientific study of the processes of individual human communication, with special reference to speech, hearing and language; (2) promote investigation of disorders of human communication; (3) foster improvement of clinical procedures with such disorders; (4) stimulate exchange of information among persons and organizations thus engaged; (5) disseminate such information.

MEMBERSHIP: Full (13,600) Master's degree or equivalent with major emphasis in speech pathology, audiology or speech and hearing science, or a Master's degree or equivalent and evidence of active research, interest and performance in the field of human communication; Fellow, unusual professional or scientific achievement; Life, membership for 10 years and age 65.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Annual survey of the salary status of members; annual survey of education and training programs in the field; miscellaneous studies relative to the delivery of services to the communicatively handicapped.

Educational: American Speech and Hearing Foundation; workshops; short course and scientific and technical sessions at annual convention. *Prizes and Awards:* The following are given annually: Honors of the Association; Fellowship Award; Editor's Award; Scientific Exhibitor's Award; Junior Scientist Award; Distinguished Service Award.

PUBLICATIONS: *Journal of the American Speech and Hearing Association*, monthly, current volume: 13, \$18. Editor: Kenneth O. Johnson. *Journal of Speech and Hearing Research*, quarterly, current volume: 13, \$15. Editor: Robert C. Bilger. *Journal of Speech and Hearing Disorders*, quarterly, current volume: 35, \$15. Editor: Elizabeth Carrow. *ASHA Monographs*, irregular, \$3. Editor: Gerald M. Siegel. *ASHA Reports*, irregular, current volume: 5, \$4. Editor: Kenneth O. Johnson. *Speech and Hearing Services in Schools*, irregular, current volume: 3. Editor: William C. Healey. *Directory*, annual. Editor: Kenneth O. Johnson.

AMERICAN SPEECH CORRECTION ASSOCIATION. See AMERICAN SPEECH AND HEARING ASSOCIATION.

AMERICAN STANDARDS ASSOCIATION. See AMERICAN NATIONAL STANDARDS INSTITUTE, INC.

222 AMERICAN STATISTICAL ASSOCIATION. 806 15th Street, N.W., Washington, D.C. 20005. (202) 393-3253. President: Churchill Eisenhart. Term expires December 1971. President-Elect: William H. Shaw. Executive Director and Secretary-Treasurer: John W. Lehman. Term expires August 1971.

HISTORY AND ORGANIZATION: Founded in Boston on November 27, 1839. Incorporated 1841 in Massachusetts. *Geographic Divisions:* Eleven regions; fifty-three chapters. *Specialty Divisions:* Sections on Biometrics, Business and Economic Statistics, Physical and Engineering Sciences, Social Statistics, Training of Statisticians; Subsections on the Teaching of Statistics in the Health Sciences, Statistics in Marketing, Biopharmaceuticals. *Scientific and Technical Committees:* Statistics in Accounting; Joint American Statistical Association-American Agricultural Economics Association Advisory Committee on Agricultural Statistics; Statistical Bibliography; Advisory Committee on Statistical Policy to the Office of Management and Budget; Census Advisory Committee; Advisory Committee for Statistical Research to the Civil Aeronautics Board; Computers in Statistics; Joint ASA-National Council of Teachers of Mathematics Committee on the Teaching of Probability and Statistics; Preservation of Documents of Distinguished Statisticians; Small Area Statistics; Social Insurance Statistics and Training.

PURPOSE: To (1) foster, in the broadest manner, statistics and its applications, (2) promote unity and effectiveness of effort among all concerned with statistical problems; (3) increase the contribution of statistics to human welfare.

MEMBERSHIP: Regular (9,305), interest in statistics; Student (976), registered full-time; Senior (91), 65 years of age, retired; Family (111), spouse of a member.

MEMBERSHIP SERVICES: Directory of members; job placement.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Research:* Quarterly survey on the economic forecast (in cooperation with the National Bureau of Economic Research). *Prizes and Awards:* Samuel S. Wilks Memorial Award, annual, contributions to the advancement of scientific or technical knowledge in Army statistics.

PUBLICATIONS: *Journal of the American Statistical Association*, quarterly, current volume: 66, \$15. Editor: Robert Ferber. *American Statistician*, five issues per year, current volume: 25, \$3. Editor: Morris Hamburg. *Technometrics*, quarterly, current volume: 13, \$15. Editor: Harry Smith, Jr. *Proceedings of the Business and Economic Statistics Section*, annual. *Proceedings of the Social Statistics Section*, annual.

223 THE AMERICAN SURGICAL ASSOCIATION. *Address communications to:* Tom Shires, Secretary, 5323 Harry Hines Boulevard, Dallas, Tex. 75235. (214) 631-3220. President: William Holden. Term expires March 1971. Secretary: Tom Shires. Term indefinite. Treasurer: John Schilling. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1880 as the American Surgical Society in Philadelphia, Pennsylvania. Name subsequently changed to the American Surgical Association (ASA). *Scientific and Technical Committees:* Education (Ad Hoc); Issues. *Relationship with Other Societies:* ASA representatives serve with the American Board of Plastic Surgery, American Board of Surgery, American Board of Thoracic Surgery, Board of Governors of the American College of Surgeons, National Research Council, National Society for Medical Research, Council of Academic Societies and the Special Medical Advisory Group of the Veterans Administration.

PURPOSE: To (1) cultivate and improve the science and art of surgery; (2) elevate the standards of the medical profession and such other matters as may come legitimately within its sphere.

MEMBERSHIP: Active (300), 30 years of age and graduate of five years' standing from recognized medical college; Senior (275), proposed by three Fellows, recommended by Council and elected by membership; Honorary (19), 60 years of age or in Association 15 years.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Study of surgical services in the United States, joint study with the American College of Surgeons. *Prizes and Awards:* Award for distinguished service to surgery.

PUBLICATIONS: *Annals of Surgery*, semiannual, current volume: 172. *Transactions of the American Surgical Association*, annual, current volume: 88.

AMERICAN SURGICAL SOCIETY. See THE AMERICAN SURGICAL ASSOCIATION.

224 AMERICAN TECHNICAL EDUCATION ASSOCIATION, INC. 22 Oakwood Place, Delmar, N.Y. 12054. (518) 439-1190. President: Ruth E. Midjaar. Term expires December 1971. President-Elect: George Mehalls. Executive Secretary: William N. Fenninger. Term indefinite.

HISTORY AND ORGANIZATION: Originated in 1928 as the American Association of Technical High Schools and Institutes. From 1944-1969 associated with the American Vocational Association. In 1950 name changed to the American Technical Education Association. Chartered by the Board of Regents, University of the State of New York, in 1960. *Geographic Divisions:* Eight in U.S.; one in Canada.

PURPOSE: To (1) promote technical education for interested and qualified youths and adults; (2) recommend standards for technical education; (3) provide an opportunity for an exchange of ideas among persons in the technical education field.

MEMBERSHIP: Individual (1,300), working or teaching in technical

fields; Institutional (300), schools preparing students for technical jobs; Industrial (4), companies employing technicians or producing books or teaching aids.

MEETINGS: Semiannual (Spring and Fall).

PUBLICATIONS: *Technical Education Newsletter*, eight issues per year, current volume: 84, \$5. Editor: William N. Fenninger. *Technical Education*, five issues per year, \$5. Editor: Jerry S. Dobrowolny.

AMERICAN THERAPEUTIC SOCIETY 'See AMERICAN SOCIETY FOR CLINICAL PHARMACOLOGY AND THERAPEUTICS.

225 AMERICAN THORACIC SOCIETY. 1740 Broadway, New York, N.Y. 10019. (212) 245-8000. President: Eugene D. Robin. Term expires May 1971. President-Elect: James Kieran. Secretary-Treasurer: Edward M. Sewell. Term expires May 1971. Executive Secretary: Robert G. Weymueller.

HISTORY AND ORGANIZATION: Founded in 1905 as the American Sanatorium Association. Became the American Trudeau Society in 1939. In 1960 the name was changed to the American Thoracic Society (ATS). *Geographic Divisions:* Forty-three chapters. *Specialty Divisions:* Pediatrics; Microbiology and Immunology; Respiratory Structure and Function. *Scientific and Technical Committees:* Therapy; Inhalation Therapy; Diagnostic Skin Testing; Medical Education; Research. *Relationship with Other Societies:* ATS is the medical section of the National Tuberculosis and Respiratory Disease Association (NTRDA).

PURPOSE: To (1) be a strong medical society, committed to the highest professional and scientific standards and dedicated to the collection, interpretation and dissemination of scientific information concerning all aspects of respiratory disease; (2) act as the medical section of the National Tuberculosis and Respiratory Disease Association.

MEMBERSHIP: Active (4,400), M.D., Ph.D., or equivalent degree of doctors or other scientists with interest in pulmonary disease; Associate (515), graduate students, medical students, interns, residents, and fellows still in training; Honorary, Corresponding, Senior (415).

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Evaluation of the scientific merits of applications submitted to NTRDA for research grants. *Educational:* Evaluation of fellowship applications submitted to NTRDA for support; assistance to NTRDA in evaluating requests for funding pulmonary disease teaching programs in medical schools; cosponsorship of a number of postgraduate training programs. *Prizes and Awards:* ATS participates in the annual award of the Trudeau Medal given by NTRDA to an individual for meritorious contribution to the prevention and control of tuberculosis and other respiratory diseases.

PUBLICATIONS: *American Review of Respiratory Disease*, monthly, \$25. Editor: Walsh McDermott. *ATS News*, quarterly. Editor: Robert G. Weymueller. *ATS Membership Directory*, every five years, \$6 (nonmembers). Editor: Robert G. Weymueller.

AMERICAN TRUDEAU SOCIETY. See AMERICAN THORACIC SOCIETY.

226 AMERICAN UROLOGICAL ASSOCIATION, INC. 1120 North Charles Street, Baltimore, Md. 21201. (301) 727-1100. President: John W. Dorsey. Term expires May 1971.

President-Elect: Temple Ainsworth. Secretary: Wyland F. Leadbetter. Term indefinite. Treasurer: W. E. Kittredge. Term indefinite. Executive Secretary: Richard J. Hannigan.

HISTORY AND ORGANIZATION: Incorporated in Missouri. *Geographic Divisions:* Eight sections. *Scientific and Technical Committees:* Biomedical; Educational; Registry of GU Pathology; Research.

PURPOSE: To (1) encourage research, experiments, investigations and analyses of diseases, abnormalities and other conditions of the genito-urinary tract, their treatments and corrections, and to make the results known to physicians and the public; (2) develop and to assist in developing, scientific methods for the diagnosis, prevention and treatment of such diseases and to make the results known to physicians and the public; (3) benefit the general public by encouraging the study and maintaining the highest possible standards of urological education, practice and research; (4) promote the publication of and encourage contributions to medical and scientific literature pertaining to urology.

MEMBERSHIP: Active, member of and endorsed by a chartered section; Inactive, retired after 15 years membership; Member at Large, nonmember of chartered section, fulfilling other requirements.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Ramon Gutierrez Medal; Hugh H. Young Medal; Grayson Carroll Essay Award.

PUBLICATIONS: *Journal of Urology*, monthly, \$30. Editor: Hugh J. Jewett.

227 AMERICAN VACUUM SOCIETY. 335 East 45th Street, New York, N.Y. 10017. (212) 685-1940. President: R. F. Bunshah. Term expires October 1971. President-Elect: D. G. Bills. Secretary: Dorothy M. Hoffman. Term expires October 1971. Treasurer: L. W. Hull. Term indefinite.

HISTORY AND ORGANIZATION: Preceded from 1953 to 1958 by the Committee on Vacuum Techniques. Incorporated 1953 in Massachusetts. *Geographic Divisions:* Seventeen. *Specialty Divisions:* Thin Film; Surface Science; Vacuum Metallurgy; Vacuum Technology. *Relationship with Other Societies:* Affiliate of the American Institute of Physics, American Association for the Advancement of Science and the International Union for Vacuum Science, Techniques and Applications (U.S. representative).

PURPOSE: To promote communication among people interested in vacuum science and engineering, education and research in vacuum technology, and the establishment of vacuum standards.

MEMBERSHIP: Student, any full-time undergraduate or graduate student with an interest in vacuum science and technology; Associate, anyone interested in the field of vacuum science and engineering or the related arts and sciences; Member, demonstrated professional competence in the field of vacuum science and engineering or the related arts and sciences as: (a) an engineer or scientist with a Baccalaureate degree; or (b) a teacher graduated from a four year course of study in a recognized school or three years of professional teaching experience; or (c) person regularly employed in these fields for six years with demonstrated professional competence; or (d) six years' executive experience; Senior, Member in active practice for ten years and distinction in one or more of the following: (a) publication of original engineering or scientific papers, books, or inventions; (b) technical direction with evidence of accomplishment of important scientific or engineering work;

(c) creative contributions to the advancement of the scientific or engineering profession; (d) establishment or furtherance of important scientific or engineering courses; Honorary.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Courses on vacuum technology during annual symposium; graduate scholarships in areas of vacuum science and technology, vacuum metallurgy, surface physics, thin films and related areas. *Prizes and Awards:* Medard W. Welch Award, \$1,000 and gold medal, annual, outstanding research in fields of interest to the Society.

PUBLICATIONS: *Journal of Vacuum Science and Technology*, bimonthly, current volume: 8, \$26 (U.S.). Editor: Paul A. Redhead.

228 AMERICAN VETERINARY MEDICAL ASSOCIATION.

600 South Michigan Avenue Chicago, Ill. 60605. (312) 922-7930. President: E. W. Tucker. Term expires July 1971. President-Elect: John R. McCoy. Chairman of the Board: John F. Quinn. Term expires July 1971. Treasurer: Don H. Spangler. Executive Vice President: M. R. Clarkson.

HISTORY AND ORGANIZATION: Founded in 1863 as the United States Veterinary Medical Association. Name changed to present title in 1898. Incorporated 1917 in Illinois. *Geographic Divisions:* Fifty-three. *Scientific and Technical Committees:* Councils on Education, Research, Judicial Matters, Veterinary Service, Public Health and Regulatory Veterinary Medicine and Biological and Therapeutic Agents; Committees on Environmental Quality, Animal Technicians, Hog Cholera Eradication and Scientific Program. *Relationship with Other Societies:* Special Interest Associations - American Academy of Veterinary Cardiology; American Academy of Veterinary Dermatology; American Animal Hospital Association; American Association of Avian Pathologists; American Association of Bovine Practitioners; American Association of Equine Practitioners; American Association of Extension Veterinarians; American Association of Sheep and Goat Practitioners; American Association of Swine Practitioners; American Association of Veterinary Anatomists; American Association of Veterinary Laboratory Diagnosticians; American Association of Veterinary Clinicians; American Association of Veterinary Nutritionists; American Association of Veterinary Parasitologists; American Association of Zoo Veterinarians; American College of Theriogenologists; American Society of Veterinary Allergists and Immunologists; American Society of Veterinary Clinical Pathologists; American Society of Veterinary Ophthalmology; American Society of Veterinary Physiologists and Pharmacologists; American Veterinary Radiology Society; American Veterinary Society for Study of Breeding Soundness; Association of American State Boards of Examiners in Veterinary Medicine; Association of American Veterinary Medical Colleges; Association of State Public Health Veterinarians; Association of Teachers of Veterinary Public Health and Preventive Medicine; Association of Veterinary Neurologists; Conference of Public Health Veterinarians; Conference of Research Workers in Animal Diseases; Conference of Veterinary Laboratory Diagnosticians; Flying Veterinarians Association; Industrial Association for Aquatic Animal Medicine; National Board of Veterinary Medical Examiners; Veterinary Amateur Radio Operators; Women's Veterinary Medical Association. *Specialty Boards* - American Board of Veterinary Public Health; American Board of Veterinary Toxicology; American College of Laboratory Animal Medicine; American College of Veterinary Microbiologists;

American College of Veterinary Pathologists; American College of Veterinary Surgeons.

PURPOSE: To advance the science and art of veterinary medicine, including its relationship to public health and agriculture.

MEMBERSHIP: Active (19,949), veterinarians who meet the requirements for ethical conduct and behavior; Affiliate (9), non-veterinarians who teach or conduct research in the sciences related to veterinary medicine; Honorary (38), distinguished veterinarians, other scientists or other persons.

MEMBERSHIP SERVICES: Guidelines for ethical conduct; information on legislative and governmental administrative actions; malpractice insurance; retirement program for the self-employed; accreditation of veterinary colleges in the U.S. and Canada; national qualifying examination for state boards; guidelines for veterinary practice improvement; guidance in continuing education.

MEETINGS: Annual (July).

PROFESSIONAL ACTIVITIES: *Research:* Survey of veterinary medical research and education; review of feline infectious diseases; review of immunity to selected infectious diseases of swine; readership survey of the *Journal of the American Veterinary Medical Association* and the *American Journal of Veterinary Research*; survey of alleged malpractice; survey of membership group health experiences. *Educational:* Accreditation of colleges of veterinary medicine in U.S. and Canada; development of qualifying national board examinations; review and updating of veterinary college curricula; when funds available, summer scholarships (\$600 each) to initiate experiences in research, and Fellowships (\$7,000 to \$10,000 each) for special studies related to veterinary medicine. *Prizes and Awards:* International Veterinary Congress Prize, annual, outstanding service in veterinary medicine; American Veterinary Medical Association Award, annual, outstanding service in veterinary organizations; Borden Award, annual, dairy cattle disease research; Gaines Award, annual, small animal medicine and surgery; Practitioner Research Award, annual, outstanding research by a private practitioner; Public Service Award, annual, outstanding public service; American Feed Manufacturers Association Award, annual, research on nutrition or disease affecting livestock or poultry.

PUBLICATIONS: *Journal of the American Veterinary Medical Association*, semimonthly, current volume: 158, \$30 (U.S.), \$33 (foreign). Editor: D. A. Price. *American Journal of Veterinary Research*, monthly, current volume: 32, \$30 (U.S.), \$33 (foreign). Editor: D. A. Price. *Directory of the American Veterinary Association*, biennial, current volume: 24, \$15. Editor: J. R. Hay.

229 AMERICAN VOCATIONAL ASSOCIATION. 1510 H Street, N.W., Washington, D.C. 20005. (202) 737-3722. President: C. Thomas Olivo. Term expires June 1971. President-Elect: T. Carl Brown. Executive Director: Lowell A. Burkett.

HISTORY AND ORGANIZATION: Founded in 1906 as the National Society for the Promotion of Industrial Education. Name changed in 1918 to the National Society for Vocational Education. In 1925 merged with the Vocational Association of the Middle West to form the American Vocational Association (AVA). Incorporated December 5, 1929 in Indiana. *Geographic Divisions:* Eighty-one chapters. *Specialty Divisions:* Departments - Adult; Secondary; Post Secondary; Supervision and Administration; Research and Evaluation; Teacher Education; Related and Special Programs. Divisions - Agricultural Education; Business and Office Education; Distributive Education; Guidance; Health Occupations Education; Home

Economics Education; Industrial Arts Education; New and Related Services; Technical Education; Trade and Industrial Education. *Scientific and Technical Committees:* Publications; International Education; Joint AVA-National Safety Council; AVA-Armed Forces; Resolutions-Program of Work; Evaluation and Accreditation; Teacher Welfare; Public Information. *Relationship with Other Societies:* The Association is a federation of state vocational associations.

PURPOSE: To (1) establish and maintain active national leadership in all types of vocational and practical arts education, including industrial arts and guidance services; (2) render service to state and local communities in promoting and stabilizing vocational education; (3) provide a national open forum for the study and discussion of all questions involved in vocational education; (4) unify all the vocational education interests of the nation through representative membership; (5) cooperate with other nations in the further development of vocational education, and welcome international memberships; (6) encourage the further development and improvement of all programs of education related to vocational and practical arts education, including industrial arts and guidance services; (7) emphasize and encourage the promotion, improvement and expansion of programs of vocational part-time and vocational adult education.

MEMBERSHIP: Affiliated (41,029), individuals engaged in vocational, technical and/or practical arts education; Direct (589), individuals engaged in vocational, technical and/or practical arts education; Student (1,146), full-time students preparing to teach vocational, technical and/or practical arts subjects; Loyalty (192), individuals retired from activities in the field of vocational, technical and/or practical arts education; Associate Lay (284), individuals not employed in vocational, technical and/or practical arts education; Life (1,549), individuals, firms or organizations; Associate State (8), local or national firms or organizations; Associate National (1), state or national firms or organizations.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Research:* National study for accreditation of vocational-technical education.

PUBLICATIONS: *American Vocational Journal*, monthly. *AVA Member-Gram*, quarterly.

230 AMERICAN WATER RESOURCES ASSOCIATION. 905 West Fairview Avenue, Urbana, Ill. 61801. (217) 367-8178. President: Arleigh H. Laycock. Term expires January 1972. President-Elect: Arnold I. Johnson. Secretary: Sandor C. Csallany. Treasurer: Joe E. Gilbreth.

HISTORY AND ORGANIZATION: Incorporated March 1964 in Illinois. *Geographic Divisions:* Twelve.

PURPOSE: To (1) advance water resources research, planning, development and management; (2) establish a common meeting ground for engineers, and physical, biological and social scientists concerned with water resources; (3) collect, organize and disseminate ideas and information in the field of water resources science and technology.

MEMBERSHIP: Member (1,500), professional person engaged in any aspect of water resources activity; Honorary (1), acknowledged eminence in some branch of water resources science and/or technology; Fellow, regular member of the Association for 10 consecutive years and service of one year on one of its committees, or a past director or officer; Student (25), individual engaged in the study of any aspect of water resources; Institutional (41), university, government agency or

institution; Corporate (21), business concern, manufacturer or consulting firm.

MEETINGS: Annual Research Conference (June); Annual Symposium (June); Annual American Water Resources Conference (October).

PUBLICATIONS: *Water Resources Bulletin*, bimonthly, current volume: 7, \$20. Editor: A. Aziz. *I. Kashaf. Hydata*, monthly, current volume: 7, \$25. Editor: Icko Iben. *Water Resources Newsletter*, bimonthly, current volume: 6, \$3. Editor: Mary H. Marsh. *Water Resources Abstracts*, monthly, current volume: 4, \$120. Editor: Icko Iben. *National Symposium on Hydrobiology*, annual, current volume: 8, \$15. Editors: W. G. Weist, Jr., Phillip E. Greeson.

231 AMERICAN WATER WORKS ASSOCIATION. 2 Park Avenue, New York, N.Y. 10016. (212) 686-2040. President: Charles A. Black. Term expires June 1972. President-Elect: Clifford W. Hamblin. Treasurer: Thomas W. Fauntleroy. Term expires June 1972. Executive Director: Eric F. Johnson.

HISTORY AND ORGANIZATION: The American Water Works Association (AWWA) was organized at Washington University in St. Louis, Missouri on March 30, 1881. Incorporated 1912 in Illinois. *Geographic Divisions:* Thirty-six sections. *Specialty Divisions:* Three Councils - Standards; General Policy; Technical and Professional. Technical and Professional Council includes four divisions - Distribution; Management; Resources; Water Quality. *Scientific and Technical Committees:* Engineering and Construction; Industrial Water; Education; Research (all within the Technical and Professional Council). *Relationship with Other Societies:* AWWA Research Foundation.

PURPOSE: To (1) advance the knowledge of the design, construction, operation and management of water utilities; (2) consider and deal with the problems involved in the production and distribution of safe and adequate water supplies; (3) promote satisfactory relationships with the consuming public; (4) give proper consideration to and express opinions upon practices which will enable the industry to render the best possible service to the public; (5) do whatever things are necessary and proper for the accomplishment of the objects herein set forth, all of which shall be consistent with the public interest and with the interests of the public water supply field.

MEMBERSHIP: Active (16,867), water utility personnel, municipal officials, public health workers, engineers, scientists, educators and consultants; Student (1,050), regularly enrolled college or university students; Life and Honorary (779), 30 years as Active members; Utility (1,297); Consultant (279); Associate (308); Contractor (52); Manufacturer's Agent (34); Technical Service (175); Municipal Service Subscribers (364).

MEMBERSHIP SERVICES: Standards; technical books and manuals; public relations aids; information on governmental activities, accident prevention, statistical studies and technical phases of water utility operations.

MEETINGS: Annual (May, June or July).

PROFESSIONAL ACTIVITIES: *Research:* Development of a training program on emergency planning for water utilities under contract with the Office of Civil Defense; special research by AWWA Research Foundation. *Educational:* Management Seminar; Operator Workshop; Negotiating Labor Contracts Seminar; Cross Connection Control Seminar. *Prizes and Awards:* Harry E. Jordan Award, distinguished public service; John M. Diven Award, outstanding service to the Association during the past five years; Publications Award, paper representing most notable contribution to the science or

practice of water works development; Division Awards, best papers in respective fields of interest of each of four Divisions; Alvin P. Black Research Award, outstanding research contributions to water science; Water Utility Man of the Year Awards, distinguished service to the water supply field (in memory of George W. Fuller); Water Landmarks Awards; Friendship Award, furthering friendly professional relations between U.S. and Great Britain; Community Relations Awards; Safety Awards; Public Information Advertising Awards; Heroism Award; Academic Achievement Prizes, Masters or Doctoral theses in many areas of study and of significant value to water supply field.

PUBLICATIONS: *Journal of the American Water Works Association*, monthly, current volume: 63, \$20. Editor: John Bender. *Willing Water*, monthly, current volume: 15, \$12 (members only). Editor: John Bender. *Washington Report*, nine issues per year, current volume: 3. Editor: John Bender. *Management Quarterly*, current volume: 9. Editor: John Bender. *Tailgate Lectures*, four issues per year, current volume: 3. Editor: H. W. Becker.

232 AMERICAN WELDING SOCIETY, INC. 2501 N.W. 7th Street, Miami, Fla. 33125. President: I. A. Oehler. Term expires June 1972. President-Elect: R. D. Stout. Executive Director: Edward A. Fenton.

HISTORY AND ORGANIZATION: An outgrowth of the Welding Committee of the Emergency Fleet Corporation, U.S. Shipping Board, the American Welding Society (AWS) was organized March 1919. First annual meeting held in New York City in 1920. Incorporated 1932 in New York State. *Geographic Divisions:* One hundred and thirty-five sections and divisions in twelve geographic districts. *Scientific and Technical Committees:* Definitions and Symbols; Filler Metal; Safety Recommendations; American National Standards Institute Standards Committee Z49-Safety in Welding and Cutting; Methods of Inspection; Mechanical Testing of Welds; Resistance Welding; Thermal Spraying; Brazing and Soldering; Gas Welding and Gas Cutting; Arc Welding and Arc Cutting; Structural Welding; Welding in Marine Construction; AWS-American Water Works Association Committee on Specifications for Field Welding of Steel Water Pipe Joints; Automotive Welding; Piping and Tubing; Aerospace Welding; Machinery and Equipment. *Relationship with Other Societies:* American Welding Society, USCG Ship Structure Committee and Welding Research Council make up American Council of the International Institute of Welding, which has a membership of Councils from 34 countries. AWS serves as headquarters for the American Council.

PURPOSE: To (1) advance the science and art of welding; (2) afford its members opportunities for the interchange of ideas with respect to welding and for the publication of information thereon; (3) sponsor or conduct welding research, cooperating with other societies, associations and governmental departments for the benefit of industry in general.

MEMBERSHIP: Sustaining (225), individual or organization interested in welding; Member (15,000), at least five years welding experience, or an engineering degree; Associate (5,500), individual interested in art or practice of welding; Student (1,600), full-time attendance at recognized college, university, technical or vocational school; Honorary (18), acknowledged eminence in welding profession; Life (65), Member of AWS for 35 years or member for 30 years at age 65.

MEMBERSHIP SERVICES: Information center for technical

problems; educational aids; professional contacts.

MEETINGS: Annual Welding Exposition (April or May).

PROFESSIONAL ACTIVITIES: *Research:* Effects of welding fumes; corrosion of flame-sprayed coatings; continuous study of all phases of welding and allied processes to update codes, standards, recommended practices, etc. *Educational:* National Educational Activities Committee plus a group of task committees, each responsible for specific field of interest or need; AWS School of Welding Technology with extension courses on welding throughout the country; workshops; seminars. *Prizes and Awards:* Comfort A. Adams Lecture, annual, new and distinctive development in the field of welding; Adams Memorial Membership Awards, annual, exceptional educators; Howard E. Adkins Instructor Membership Awards, annual, outstanding high school, trade school, technical institute or junior college instructors; Airco Welding Award, annual, originality and innovation in new products through the use of welding techniques; A. F. Davis Silver Medal Awards, annual, achievements in welded design published in *Welding Journal*; District Membership Awards, annual, awarded to Section in each of Society's 12 Districts; District Meritorious Certificate Awards, annual, unusual service to the Society; Educational Lecturer Certificate Award, annual, outstanding contributions to the National Educational Program of AWS; W. H. Hobart Memorial Medal Award, annual, paper published in *Welding Journal*, best contribution to the progress of welding on the subject of pipe welding, welded pipe or similar applications; Honorary Membership Award, annual, acknowledged eminence in the welding profession; Charles H. Jennings Memorial Award, annual, to student or faculty of a university or college for paper in *Welding Journal* making a most valuable contribution to welding literature; James F. Lincoln Gold Medal Award, annual, best paper with one author making greatest original contribution to welding, published in the *Welding Journal*; Member Sponsor Certificate Awards, annual, sponsor 25 or more memberships; Samuel Wylie Miller Memorial Medal Award, annual, achievement in welding and cutting; National Meritorious Certificate Awards, annual, exceptional service to Society; Henry C. Neitzel National Membership Certificate Awards, annual, to Sections for membership gains; Fred L. Plummer Lecture, annual, to outstanding executive, engineer or other representative of industry, lecture stressing the importance of welding to the economy and trends in the industry; Section Performance Award, annual; William Spraragen Award, annual, best research paper in the Research Supplement of the *Welding Journal*; R. D. Thomas Memorial Award, annual, substantial contributions to the activities of the International Institute of Welding; Rene D. Wasserman Award, annual, sponsored by Eutectic Corporation, best paper published in the *Welding Journal* on the use of brazing or braze welding.

PUBLICATIONS: *Welding Journal*, monthly, current volume: 50, \$25. Editor: T. P. Schoonmaker.

233 ANIMAL BEHAVIOR SOCIETY. *Address communications to:* Benjamin Dane, Secretary, Department of Biology, Tufts University, Medford, Mass. 02155. (617) 628-5000. President: Allen W. Stokes. Term expires December 1971. President-Elect: Edwin M. Banks. Secretary: Benjamin Dane. Term expires December 1971. Treasurer: Paul B. Siegel. Term expires December 1972.

HISTORY AND ORGANIZATION: Founded December 28, 1964. *Relationship with Other Societies:* Ecological Society of America; American Society of Zoologists.

PURPOSE: To promote and encourage the biological study of animal behavior in the broadest sense, including studies at all levels of organization using both descriptive and experimental methods under natural and controlled conditions, and the dissemination of knowledge about animal behavior through publications, educational programs and activities.

MEMBERSHIP: Regular (1,200); Student (300). Open to anyone engaged in the scientific study of animal behavior or interested in furthering such study.

MEETINGS: Semiannual (June and December).

PUBLICATIONS: *Animal Behaviour*, quarterly, current volume: 19, \$22. Editor: Jerry Hirsch. *Animal Behaviour Monographs*, triannual, \$10.

ANIMAL CARE PANEL. See AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE.

234 ARCHAEOLOGICAL INSTITUTE OF AMERICA. 260 West Broadway, New York, N.Y. 10013. (212) 925-7170. President: Rodney S. Young. Term expires December 1972. Secretary: Elizabeth A. Whitehead. Term expires December 1971. Treasurer: Gustavus F. Swift, Jr. Term expires December 1973.

HISTORY AND ORGANIZATION: Founded 1879. Incorporated 1906. *Geographic Divisions:* Seventy-eight in the U.S. and Canada. *Relationship with Other Societies:* The Institute is a member, an affiliate or an associate of the American Council of Learned Societies, American Association for the Advancement of Science, Council for Old World Archaeology, Smithsonian Institution, United States Commission for UNESCO, United States Committee for the Iconographical Commission of the Comité International des Sciences Historiques, American Classical League, Council of Underwater Archaeology, National Trust for the Preservation of Historic Monuments, International Association for the Study of Ancient Mosaics, Corpus Vasorum Antiquorum, International Committee on Ancient Glass and the International Federation of Classical Studies.

PURPOSE: To provide a means for both the professional scholar and the interested layman to keep abreast of the latest archaeological discoveries and their interpretation and significance, thus forging a link between the schools in the field and the American community at home.

MEMBERSHIP: Life; Fellow; Contributing; Sustaining; Annual; Associate; Student; Patron. Open to anyone interested in archaeology. Students must be registered for a degree. Total membership 6,000.

MEMBERSHIP SERVICES: Lecturer program; films on ancient Egypt, Greece and American sites for sale and rental; counseling; slide archives of archaeological sites and material around the world.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Educational:* Founder or co-sponsor of schools of archaeological research in Rome, Athens, Jerusalem, Baghdad, Cairo, Turkey, Teheran, and Santa Fe; Oliva James Traveling Fellowship, annual, enables students of art, archaeology or history to travel and study in the lands of their particular interest; career pamphlet and college orientation booklet. *Prizes and Awards:* Norton Lectureship, annual, to outstanding American or Foreign lecturer; Archaeological Achievement Award, annual, to a professional archaeologist for his outstanding contribution to the field.

PUBLICATIONS: *American Journal of Archaeology*, quarterly, current volume: 75, \$15. Editor: Richard Stillwell.

Archaeology, quarterly, current volume: 24, \$8.50. Editor: Anne Benjamin.

235 ARCHAEOLOGICAL SOCIETY OF NEW MEXICO, P.O. Box 2087, Santa Fe, N.M. 87501. (505) 827-2825. President: Albert H. Schroeder. Term expires May 1971. Secretary: Nancy Fox. Term expires May 1971. Treasurer: George Ewing. Term expires May 1971.

HISTORY AND ORGANIZATION: Founded in 1900 as the Santa Fe Archaeological Society. Renamed Archaeological Society of New Mexico in 1906. Incorporated 1938 in New Mexico. *Relationship with Other Societies:* The Lea County Archaeological Society, El Paso Archaeological Society (Texas), Albuquerque Archaeological Society, Midland Archaeological Society (Texas), San Juan Archaeological Society, Gallup Archaeological Society, Plateau Archaeological Society (Arizona) and the Taos County Historical Society are affiliates.

PURPOSE: To (1) conserve the scientific resources of New Mexico; (2) preserve the historic and prehistoric remains, the ancient monuments and noted landmarks of New Mexico and to make them better known to the world; (3) promote archaeological and ethnological studies and encourage and assist with the forming of local chapters dedicated to such studies throughout the state of New Mexico; (4) cooperate with all parties in the conservation of the native arts and crafts of the Southwest; (5) promote and aid the program of the Museum of New Mexico.

MEMBERSHIP: Member, interest in archaeology of Southwest; Student; Sustaining; Patron; Life.

MEMBERSHIP SERVICES: Identification of artifacts; assistance in obtaining excavation permits; technical assistance; speakers list; film and slide list.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* State-wide prehistoric rock art survey; recordation of private ethnological collections. *Educational:* Fall and Spring semester scholarships of \$100, alternating each year between the University of New Mexico and Eastern New Mexico University Departments of Anthropology. *Prizes and Awards:* Amateur Achievement Award, annual, to one or more candidates.

PUBLICATIONS: *El Palacio*, four issues per year, current volume: 77, \$6. Editor: Tod Rosneck. *Archaeological Society of New Mexico Newsletter*, irregular. Editor: Carl Johnson.

ARCTIC CLUB. See THE EXPLORERS CLUB.

236 ARIZONA ACADEMY OF SCIENCE, University of Arizona AME Department, Tucson, Ariz. 85721. (602) 884-1115. President: Harry B. Whitehurst. Term expires April 1971. President-Elect: Gerald A. Cole. Corresponding Secretary: M. R. Bottaccini. Term expires April 1971. Treasurer: Melvin J. Frost. Term expires April 1971.

HISTORY AND ORGANIZATION: Founded 1956 in Phoenix, Arizona. Incorporated 1956. *Specialty Divisions:* Anthropology; Geography; Geology; Physical Sciences; Biological Sciences; Psychology; Hydrology; Conservation; Science Education; Junior Academy (high school). *Scientific and Technical Committees:* Grand Canyon Research Advisory; Political Officials Scientific Advisory. *Relationship with Other Societies:* Serves as Arizona Section of the American Association for the Advancement of Science.

PURPOSE: To (1) encourage the pursuit and understanding of

science at the state level; (2) publish articles of regional scientific interest.

MEMBERSHIP: Regular (744), at least 18 years of age with an interest in science; Fellow (37), member for five years, engaged in recognized scientific work; Student (61), college or high school student; Life (20); Patron (20), business and industry.

MEMBERSHIP SERVICES: Contacts with state government; high school lecture series.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* High school lecture bureau; annual science Christmas Lecture; annual Grand Canyon Field Trip and Conference. *Prizes and Awards:* Outstanding Science Teacher Award, one annual; Outstanding High School Student Award, one annual; Fellows, one to five elected annually.

PUBLICATIONS: *Journal of the Arizona Academy of Science*, three issues per year, current volume: 7, \$6.50. Editor: Robert Harris.

237 THE ARIZONA MEDICAL ASSOCIATION, INC. 810 West Bethany Home Road, Phoenix, Ariz. 85013. (602) 263-8900. President: James L. Grobe. Term expires April 1972. Secretary: Edward Sattenspiel. Term expires April 1971. Treasurer: Philip E. Dew. Term expires April 1971. Executive Director: Bruce D. Robinson.

HISTORY AND ORGANIZATION: Established 1892. Incorporated June 19, 1950. *Geographic Divisions:* Fourteen county societies. *Scientific and Technical Committees:* Grievance; Medical Economics; Industrial Relations; Professional; Publishing; Scientific Assembly.

PURPOSE: To (1) bring into one organization the entire medical profession of Arizona; (2) promote the science and art of medicine; (3) promote and elevate the standards of medical ethics and medical education; (4) promote public health and in all instances and manners operate as a nonprofit business league and scientific and educational organization for the above stated purposes.

MEMBERSHIP: Active (1,616), duly licensed and practicing doctors of medicine; Fifty-Year Club (17), Active members who have practiced for 50 years or longer; Service (16), physicians in military service; Affiliate (10), physicians who do not fall into other categories.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Malpractice insurance. *Educational:* Scholarships to medical students; continuing medical education program.

PUBLICATIONS: *Arizona Medicine*, monthly, current volume: 28, \$5. Editor: John R. Green.

238 ARKANSAS ACADEMY OF SCIENCE, *Address communications to:* William C. Guest, Secretary, Box 1709, University of Arkansas, Fayetteville, Ark. 72701. (501) 575-3251. President: Robert Kirkwood. Term expires April 1971. President-Elect: George E. Templeton. Secretary: William C. Guest. Term expires April 1974. Treasurer: John Paul Jones. Term expires April 1971.

HISTORY AND ORGANIZATION: Originated in 1917 but disbanded after one meeting because of the war. Reorganized in 1932. Name changed to Arkansas Academy of Science, Arts and Letters in 1934. Present name readopted in 1941. Incorporated in Arkansas in 1917 and amended in 1967. *Specialty Divisions:* Anthropology; Biology; Chemistry; Mathematics; Physics; Science Education; Geology.

PURPOSE: To (1) promote and diffuse knowledge in the field of science; (2) unify these interests in the State.

MEMBERSHIP: Regular (200), interest in science; Associate, undergraduate or graduate students.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Collegiate Academy of Science; Junior Academy of Science; Arkansas Science Fair; Science Talent Search; Arkansas Biology Curriculum Development Conference.

PUBLICATIONS: *Proceedings of the Arkansas Academy of Science*, annual, current volume: 24, \$5. Editor: Lester C. Howick. *Arkansas Academy of Science Newsletter*, irregular. Editor: W. C. Guest.

239 ARKANSAS MEDICAL SOCIETY. P.O. Box 1208, Fort Smith, Ark. 72901. (501) 782-8218. President: Jack W. Kennedy. Term expires April 1971. President-Elect: Stanley Applegate. Secretary: H. Elvin Shuffield. Term expires April 1971. Treasurer: Ben N. Saltzman. Term expires April 1971. Executive Vice President: Paul C. Schaefer.

HISTORY AND ORGANIZATION: Founded October 13, 1875 in Little Rock, Arkansas. Incorporated October 11, 1929 in Arkansas. *Geographic Divisions:* Ten councilor districts; fifty-seven county medical societies. *Scientific and Technical Committees:* Cancer Control; Scientific Work and Exhibits; Aging; Medicine and Religion; Mental Health; Medical Legislation; Public Health; Medical Education; Hospitals; Public Relations; Continuing Education; Insurance; Professional Services Review Organization; Medical and Health Manpower.

PURPOSE: To (1) federate and bring into one compact organization the entire medical profession of Arkansas and unite with similar societies of other states to form the American Medical Association (AMA); (2) extend medical knowledge and advance medical science; (3) elevate the standard of medical education and secure the enactment and enforcement of just medical laws; (4) promote friendly intercourse among physicians; (5) guard and foster the material interests of its members and protect them against imposition; (6) enlighten and direct opinion in regard to the great problems of state medicine so that the profession shall become more capable and honorable within itself and more useful to the public in the prevention and cure of disease, and in prolonging and adding comfort to life; (7) maintain medical ethics and secure compliance with the art of medical practice.

MEMBERSHIP: Active (1,342), Doctor of Medicine degree from AMA approved school, license to practice medicine and surgery; Life (34), 80 years of age or 50 years of practice and continuous membership in organized medicine; Affiliate (50), may be granted to Active members in good standing for reasons of retirement, disability, prolonged illness, financial reverses. Affiliate for Interns and Residents (29), internship, residency; Military (4), in service of the armed forces not as career officers.

MEMBERSHIP SERVICES: Placement service; administrative service to related specialty organizations.

MEETINGS: Semiannual (Spring and Fall).

PUBLICATIONS: *Journal of the Arkansas Medical Society*, monthly, current volume: 67, \$5 (domestic), \$7.50 (foreign). Editor: Alfred Kahn, Jr.

240 ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION. 1725 Eye Street, N.W., Washington, D.C. 20006. President: Benjamin H. Oliver. Term expires

June 1971. General Manager: W. J. Baird. Term expires June 1971.

HISTORY AND ORGANIZATION: Originated May 1946 as the Army Signal Association. Name changed to Armed Forces Communications Association in 1948 and to the Armed Forces Communications and Electronics Association (AFCEA) in 1955. *Geographic Divisions:* Fourteen regions; seventy chapters.

PURPOSE: To (1) maintain and improve the cooperation between the government (military and civilian) and industry in communications, and in the design, production, maintenance and operation of communication, electronic and technical photographic equipment in time of peace as well as in time of war; (2) foster appropriate measures toward the development of adequate reservoirs of U.S. scientists and engineers.

MEMBERSHIP: Full (11,000), U.S. citizens interested in advancing the aims of the Association; Allied (550), citizens of other nations of the free world; Group (180), firms and companies controlled by U.S. citizens (or allied citizens for Allied Group Members) interested in advancing the aims of the Association; Student (40); Life, Honorary (350).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* AFCEA Scholarship Award of \$500 each to Army, Navy, Air Force Reserve Officers' Training Corps (ROTC) juniors and seniors (total \$3,000) selected for their excellence in communications electronics field. *Prizes and Awards:* Gold Medal Honor Award, for ROTC graduates who were outstanding and majored in electrical, electronics or communication engineering; awards to cadet/midshipman at the service academies who stand highest in electricity or electronics.

PUBLICATIONS: *Signal*, monthly, current volume: 25. Editor: W. J. Baird.

ARMED FORCES COMMUNICATIONS ASSOCIATION. See ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION.

ARMY SIGNAL ASSOCIATION. See ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION.

241 ASSOCIATION FOR ADVANCEMENT OF BEHAVIOR THERAPY. 415 East 52nd Street, New York, N.Y. 10022. (212) PL 3-9325. President: John Paul Brady. Term expires September 1971. President-Elect: Gerald R. Patterson. Executive Secretary: Dorothy J. Susskind. Term expires September 1973. Treasurer: John D. Henderson. Term expires September 1973.

HISTORY AND ORGANIZATION: Founded in New York City in 1966 as the Association for Advancement of the Behavioral Therapies. Name changed to present form in 1968. Incorporated November 1966 in New York State. *Geographic Divisions:* Seventeen. *Scientific and Technical Committees:* Program; Behavior Therapy and Community Problems. *Relationship with Other Societies:* American Psychological Association; American Psychiatric Association.

PURPOSE: To advance the theory and techniques underlying the various facets of behavior therapy.

MEMBERSHIP: Member, sponsored individuals who are responsible professionals and members in good standing of either the American Psychological Association or the American Psychiatric Association, or members of recognized national psychological or psychiatric associations of other countries or whose credentials are otherwise acceptable to the membership

committee; Associate, those who do not meet all the professional requirements for full membership but are otherwise acceptable to the membership committee; Student, graduate students, interns and residents.

MEMBERSHIP SERVICES: Provides speakers; organizes workshops in behavior therapy and behavior modification; acts as consultants to clinics and schools.

MEETINGS: Annual (Fall, concurrent with the American Psychological Association).

PUBLICATIONS: *Behavior Therapy*, quarterly, current volume: 1, \$9 (members), \$14 (nonmembers), \$24 (libraries). Editor: Cyril M. Franks. *Advances in Behavior Therapy*, annual, current volume: 1969. Editor: Richard Rubin. *Association for Advancement of Behavior Therapy Directory*, annual, free to members. Editor: John D. Henderson.

ASSOCIATION FOR ADVANCEMENT OF THE BEHAVIORAL THERAPIES. See ASSOCIATION FOR ADVANCEMENT OF BEHAVIOR THERAPY.

242 ASSOCIATION FOR COMPUTING MACHINERY, INC. 1133 Avenue of the Americas, New York, N.Y. 10036. (212) 265-6300. President: Walter M. Carlson. Term expires 1972. Secretary: Charles Bradshaw. Term expires 1972. Treasurer: George Glaser. Term expires 1972. Executive Secretary: Irene Hollister.

HISTORY AND ORGANIZATION: Founded September 15, 1947 as the Eastern Association for Computing Machinery at Columbia University, New York, N.Y. Constitution and by-laws adopted September 1949. Incorporated December 1954 in Delaware. *Geographic Divisions:* Twelve regions; ninety chapters; one hundred and thirteen student chapters. *Specialty Divisions:* Special Interest Groups; Automata and Computability Theory; Artificial Intelligence; Business Data Processing; Biomedical Information; Computers and Society; Data Communications; Computer Systems Installation Management; Computer Personnel Research; Computer Science Education; Computer Uses in Education; Design Automation; File Description and Translation; Computer Graphics; Information Retrieval; Language Analysis and Studies in the Humanities; Mathematical Programming; Microprogramming; Numerical Mathematics; Operating Systems; Programming Language; Real Time Processing; Symbolic and Algebraic Manipulation; Digital Simulation; Social and Behavioral Science of Computing; Urban Data Systems, Planning, Architecture, and Civil Engineering; University Computing Centers. *Scientific and Technical Committees:* Standing Committees: Conferences and Symposia; Editorial Board; Education; Professional Standards and Practices; Public Relations; Special Interest Committees and Groups; Standards. Committees with De Facto Standing: College Curriculum and Facilities Consulting Service; Computers and Communications; Computing and Disadvantaged; Computers and Public Policy; Copyrights, Patents, and Trademarks; Curriculum in the Computer Sciences; Government Services; Lecture Series; Professional Activities of the Blind; Professional Development; Visiting Scientist Program. Ad Hoc Committees: Association for Computing Machinery (ACM) Panel on Long Range Goals; Artificial Intelligence; Curriculum on Computer Education for Management; Goals; Information Systems; Secondary School Programs; U.S. Scientific Register. Special Interest Committee: Computers and the Physically Handicapped. *Relationship with Other Societies:* Representatives to the American Association for the Advancement of Science; American Federation of Information

Processing Societies; Conference Board of the Mathematical Sciences; National Academy of Science—National Research Council; American National Standards Group.

PURPOSE: To (1) advance the sciences and arts of information processing including, but not restricted to, the study, design, development, construction and application of modern machinery, computing techniques and appropriate languages for general information processing, for scientific computation, for the recognition, storage, retrieval and processing of data of all kinds, and for the automatic control and simulation of processes; (2) promote the free interchange of information about the sciences and arts of information processing both among specialists and among the public in the best scientific and professional tradition; (3) develop and maintain the integrity and competence of individuals engaged in the practices of the sciences and arts of information processing.

MEMBERSHIP: Member, must subscribe to the purposes of the Association and have attained professional stature by demonstrating intellectual competence and ethical conduct in the arts and sciences of information processing; Associate, must subscribe to the purposes of the Association but ineligible to become Member; Student, full-time registration at an accredited educational institution; Institutional, institutions that subscribe to the purposes of the Association. Total membership 26,000.

MEMBERSHIP SERVICES: Ombudsman Program; free classified ads for unemployed members.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Educational:* Professional development seminars; lecture series. *Prizes and Awards:* Turing Award; Distinguished Service Award; Programming Systems and Languages Paper Award.

PUBLICATIONS: *Computing Reviews*, monthly, current volume: 12, \$25. Editor: Michael A. Duggan. *Computing Surveys*, quarterly, current volume: 3, \$40. Editor: William S. Dorn. *Journal of the ACM*, quarterly, current volume: 18, \$25. Editor: Gerald Salton. *Communications of the ACM*, monthly, current volume: 14, \$25. Editor: M. Stuart Lynn.

243 ASSOCIATION FOR EDUCATIONAL COMMUNICATIONS AND TECHNOLOGY. 1201 16th Street, N.W., Washington, D.C. 20036. (202) 833-4180. President: Robert Heinich. Term expires April 1972. President-Elect: Jerrold E. Kemp. Secretary-Treasurer: Marie McMahan. Term expires April 1972. Executive Director: Howard Hitchens, Jr.

HISTORY AND ORGANIZATION: Founded in 1923 as the Department of Audiovisual Instruction of the National Education Association. Incorporated 1969 in the District of Columbia. Reorganized 1970 as a national affiliate of the National Education Association. Name changed to Association for Educational Communications and Technology (AECT) July 1970. *Geographic Divisions:* Eleven. *Specialty Divisions:* Industrial Training and Education; Information Systems; Instructional Development; Research and Theory; Telecommunications. *Scientific and Technical Committees:* Computer Assisted Instruction and Programmed Instruction; Evaluation of Instructional Materials and Systems; School Plant Design; Technical Equipment Standards; Definition and Terminology; Information Control; International; Research; Teacher Education; Visual Literacy. *Relationship with Other Societies:* National affiliate of the National Education Association.

PURPOSE: To improve education and the public welfare through

the use of educational communications and technology, media and audiovisual methods.

MEMBERSHIP: Regular (7,500); Retired (25); member for five years; Business (160), engaged in media production; Library Service Plan (600), school or public library; Joint AECT/National Association of Educational Broadcasters (1,220); Student (210), half-time graduate.

MEMBERSHIP SERVICES: Consultant and evaluation service; employment clearinghouse service.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Coordination of flow of research information and workshops in research methods; minor grants, primarily to graduate students for surveys related to the media field. *Educational:* AECT Memorial Scholarship, \$1,000, to deserving student to pursue graduate studies in the field of educational communications and technology. *Prizes and Awards:* AECT/Encyclopaedia Britannica Education Corporation cosponsored In-Service Training Award, annual, recognizes innovative and exemplary in-service training programs in educational communications and technology; AECT Pioneer Award, to pioneers in the audio-visual field, active before 1950, and achieving national recognition.

PUBLICATIONS: *Audiovisual Instruction*, monthly, current volume: 16, \$12. Editor: Howard Hitchens, Jr. *AV Communication Review*, quarterly, current volume: 19, \$13. Editor: Robert Heinrich. *Newsletter*, monthly, free to members. *AV Forum*, monthly, current volume: 1, \$40.

244 ASSOCIATION FOR HUMANISTIC PSYCHOLOGY. 584 Page Street, San Francisco, Calif. 94117. (415) 626-6776. President: Denis O'Donovan. Term expires September 1971. President-Elect: Fred Massarik. Secretary: Beverly Brown. Treasurer: Norma Lyman. Term expires September 1971. Executive Officer: John L. Levy. Term indefinite.

HISTORY AND ORGANIZATION: American Association for Humanistic Psychology founded December 1962, headquartered in Palo Alto, California. Incorporated December 1965 in California. Name changed in 1969 to the Association for Humanistic Psychology. *Geographic Divisions:* Five. *Scientific and Technical Committees:* Aims and Goals; Research.

PURPOSE: To (1) foster the development of humanistic psychology; (2) bring together persons, from psychology and other fields, who are interested in the practice, study, development, furtherance and applications of humanistic psychology; (3) encourage theoretical and applied research in humanistic psychology as a vital part for the science and profession of psychology; (4) assist, through all suitable means, in the publication and dissemination of findings in the area of humanistic psychology; (5) plan and conduct educational meetings, conferences, workshops, seminars and symposia concerned in whole or in part with humanistic psychology; (6) encourage interaction of humanistic psychology with other orientations in psychology and related disciplines, with a view to furthering the general understanding, development and realization of human capacities and potentialities.

MEMBERSHIP: Regular (1,400); Student (700); Family (50).

MEETINGS: Annual (August or September).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsorship of the Humanistic Psychology Institute at Sonoma State College.

PUBLICATIONS: *Association for Humanistic Psychology Newsletter*, monthly, current volume: 7, free to members. Editors: Carol Guion, Norma Lyman. *Journal of Humanistic Psychology*, biannual, current volume: 10, \$6.50 (nonmembers). Editor: Thomas Greening.

245 ASSOCIATION FOR RESEARCH IN OPHTHALMOLOGY. Address communications to: Herbert E. Kaufman,

Secretary-Treasurer, Department of Ophthalmology, University of Florida, Gainesville, Fla. 32601. (904) 392-3451. Chairman: Lorenz Zimmerman. Term expires December 1971. Chairman-Elect: Robert N. Shaffer. Secretary-Treasurer: Herbert E. Kaufman. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded in 1928. Incorporated August 8, 1936 in New York. *Geographic Divisions:* Three. *Specialty Divisions:* Clinical Research; Anatomy and Pathology; Biochemistry; Immunology and Microbiology; Physiology and Pharmacology; Visual Electrophysiology; Visual Psychophysics and Physiological Optics.

PURPOSE: To encourage, promote, foster and assist investigations and research in ophthalmology.

MEMBERSHIP: Regular, particular interest in eye research; Educational, candidate for Doctoral degree or enrolled in graduate education in ophthalmology; Contributing; Life. Total membership: 1,500.

MEETINGS: Fall (September or October); Spring (April or May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Friedenwald Award, annual; Proctor Medal, annual.

PUBLICATIONS: *Investigative Ophthalmology*, monthly, \$20 (individuals), \$25 (institutions). Editor: Bernard C. Becker.

246 ASSOCIATION FOR SYMBOLIC LOGIC. P.O. Box 6248, Providence, R. I. 02904. (401) 272-9500. President: Dana Scott. Term expires December 1973. Secretary: Charles D. Parsons. Term expires December 1971. Treasurer: Walter J. Feeney. Term expires December 1972.

HISTORY AND ORGANIZATION: Founded 1936. Incorporated the same year in Rhode Island. *Scientific and Technical Committees:* European Affairs; Logic in the Far East; Logic in Latin America. *Relationship with Other Societies:* Administrative liaison with the American Mathematical Society; member of the Conference Board of the Mathematical Sciences and the International Union for the History and Philosophy of Science; cooperating society of the National Academy of Sciences-National Research Council.

PURPOSE: To (1) promote research and critical studies in the field of mathematical logic and immediately related fields; (2) provide a meeting ground for mathematicians and philosophers; (3) encourage cooperation and mutual criticism among various groups.

MEMBERSHIP: Individual (1,367), interest in the subject; Student (427), recommendation of teacher; Institutional (48), universities and non-profit research and educational organizations; Corporate (1), all other organizations.

MEETINGS: Semiannual (Spring and December or January); one or two meetings outside the U.S. per year (usually Summer).

PROFESSIONAL ACTIVITIES: *Educational:* Cosponsors summer institutes.

PUBLICATIONS: *Journal of Symbolic Logic*, quarterly, current volume: 36, \$5 (students), \$12 (members), \$20 (nonmembers). Editor: Alfons Borgers.

247 ASSOCIATION FOR THE ADVANCEMENT OF MEDICAL INSTRUMENTATION. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-2800. President: Cesar A. Caceres. Term expires March 1972. President-Elect: W. Gerald Rainer. Executive Director: Michael J. Miller.

HISTORY AND ORGANIZATION: Founded and incorporated 1965 in Massachusetts. *Scientific and Technical Committees:* Standards, with over a dozen subcommittees.

PURPOSE: To (1) promote, encourage, and advance scientific investigation, research, and technical advancement in the field of medical instrumentation, and to disseminate and distribute information in the field of medical instrumentation; (2) sponsor annual symposia in the field; (3) sponsor and promote national and regional conferences; (4) sponsor and promote national and regional trade shows; (5) establish or otherwise encourage the establishment of standards in the field of medical instrumentation and to establish means by which to offer a seal of approval and acceptance to medical instruments meeting such standards; (6) sponsor and promote courses and seminars in the field of medical instrumentation; (7) do all possible to promote and advance the field of medical instrumentation by all means of communication to and education of the users, designers, and manufacturers of medical instrumentation.

MEMBERSHIP: Individual (1,600), interest in the field of medical instrumentation; Corporate (85), corporate interest in field of medical instrumentation, e.g., manufacturing, sales, service; Institutional (40), users of instruments such as hospitals, nonprofit associations and societies.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Workshops on the safe use of medical equipment (Electrical Safety in the Hospital).

PUBLICATIONS: *Journal of the Association for the Advancement of Medical Instrumentation*, six issues per year, current volume: 5. Editor: Harry S. Lipscomb. *AAMI News*, six issues per year, current volume: 6. Editor: Michael J. Miller.

248 ASSOCIATION OF ACADEMIES OF SCIENCE. *Address communications to:* Charles E. DePoe, Secretary-Treasurer, Northeast Louisiana University, Monroe, La. 71201. (318) 371-3108. President: Glenn W. Stewart. President-Elect: Charles M. Vaughn. Secretary-Treasurer: Charles E. DePoe. Term expires December 1974.

HISTORY AND ORGANIZATION: For some time prior to 1919 the various Academies had an informal association with the American Association for the Advancement of Science (AAAS). In 1920 they were given the right of representation on the AAAS Council and were known as the Affiliated Academies. In 1926 the Affiliated Academies formed a more organized group which soon became known as the Academy Conference, a name continued until 1969 at which time it was changed to the Association of Academies of Science. *Scientific and Technical Committees:* American Junior Academy of Science. *Relationship with Other Societies:* The Association is sponsored in part by the American Association for the Advancement of Science.

PURPOSE: To (1) provide an organization for the promotion through mutual cooperation of the common aims and purposes of the several state and municipal academies and of the American Association for the Advancement of Science; (2) provide appropriate means for consultation and investigation of the problems of academies with a view to aiding all in their common purposes and their accomplishments.

MEMBERSHIP: Forty-five member academies, including all state, regional and city academies of science in the U.S.

MEETINGS: Annual (December 26).

PROFESSIONAL ACTIVITIES: *Educational:* American Junior Academy of Science; annual symposium; workshop for editors of Academy publications (with National Science Foundation assistance). *Prizes and Awards:* Distinguished Service Award, usually annual.

PUBLICATIONS: *Directory and Proceedings*, annual, current volume: 1970-71. Editor: Charles E. DePoe. *Newsletter*, triannual. Editor: Glenn Stewart.

ASSOCIATION OF AMERICAN ANATOMISTS. See AMERICAN ASSOCIATION OF ANATOMISTS.

249 THE ASSOCIATION OF AMERICAN GEOGRAPHERS. 1710 16th Street, N.W., Washington, D.C. 20009. (202) 232-1800. President: Norton S. Ginsburg. Term expires April 1971. Secretary: Wesley C. Calef. Term expires April 1972. Treasurer: Robert D. Hodgson. Term expires April 1971. Executive Director: J. Warren Nystrom.

HISTORY AND ORGANIZATION: Founded in Philadelphia at the December, 1904 meeting of the American Association for the Advancement of Science. Incorporated 1937 in the District of Columbia. Merged with The American Society for Professional Geographers in 1948. *Geographic Divisions:* Nine. *Scientific and Technical Committees:* Geographic Information Systems; Geography and Business; Geography and the Federal Government; Geographic Education; Public Policy; Handbook; Instrumentation and Measurement; Placement; Publications; Research Grants; Honors. Commissions on College Geography, Geography and Afro-American, Geographic Applications of Remote Sensing.

PURPOSE: To (1) advance professional investigations in geography; (2) encourage the application of geographic findings in education, government and business.

MEMBERSHIP: Regular (4,750); Student (2,050), full-time student; Life (100); Institutional (35).

MEMBERSHIP SERVICES: Assistance in the planning and advancement of careers in geography.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Task Forces on Man in Environmental Systems, Poverty, Use of Urban Space, Minority Groups in America, International Development, Marine Resources and their Management, Graduate Education; Geographic Applications of Remote Sensing Project. *Educational:* High School Geography Project; College Geography; Visiting Geographical Scientist Program; Geography and Afro-American; Geographic Education. *Prizes and Awards:* Outstanding Achievement Award, contribution of major importance and magnitude and usually representing a long period of research or service; Meritorious Contributions to the Field of Geography Award, significant contribution to the progress of geography.

PUBLICATIONS: *Annals of the Association of American Geographers*, quarterly, current volume: 61, \$16. Editor: John Fraser Hart. *Professional Geographer*, quarterly, current volume: 23, \$8. Editor: Hallock F. Raup. *Jobs in Geography*, monthly, free to members. Editor: Committee. *AAG Newsletter*, monthly, current volume: 5, free to members. Editor: Salvatore J. Natoli. *Directory*, biannual, \$5. *Proceedings*, annual, current volume: 3, \$3. *Guide to Graduate Departments of Geography in the United States and Canada*, annual, \$2. Commission on College Geography Publications, occasional.

250 ASSOCIATION OF AMERICAN PHYSICIANS. *Address communications to:* John A. Oates, Secretary, Vanderbilt University, School of Medicine, Nashville, Tenn. 37203. (615) 322-3304. President: Ludwig Eichna. Term expires May 1971. Secretary: John A. Oates. Term indefinite. Treasurer: Marvin Siperstein. Term indefinite.

HISTORY: Founded 1886.

PURPOSE: To advance scientific and practical medicine.

MEMBERSHIP: Active (353), must be nominated by two members of the Association; Emeritus (176), elected at 65 years of age or after 10 years as Active member; Honorary (16).

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Kober Medal; Blake Award.

PUBLICATIONS: *Transactions of the Association of American Physicians*, annual, current volume: 83.

251 THE ASSOCIATION OF AMERICAN STATE GEOLOGISTS.

Address communications to: Charles J. Mankin, Secretary-Treasurer, 830 Van Vleet Oval, Room 163, Norman, Okla. 73069. (405) 325-3031. President: William C. Hayes. Term expires May 1971. President-Elect: Philip E. LaMoreaux. Secretary-Treasurer: Charles J. Mankin.

HISTORY AND ORGANIZATION: Founded in Washington, D.C. on May 12, 1908. *Scientific and Technical Committees:* Liaison (State Surveys and their Federal counterparts); Environmental Geology. *Relationship with Other Societies:* Member of the American Geological Institute.

PURPOSE: To (1) advance the science and practical application of geology and the related earth sciences in the several states; (2) improve the work of state geological surveys through interchange of ideas pertaining to their administrative organization, programs, techniques, application to the needs of the changing economy, and other geological survey matters; (3) improve methods of assembling data and disseminating the results to industries, agriculture, schools, civic organizations, governmental agencies and the public; (4) accomplish better coordination and correlation of work with Federal and associated state agencies working in similar or related fields.

MEMBERSHIP: Individual (49), heads of geological surveys in the various states, territories, commonwealths, and possessions of United States; Honorary (35), former members who have served a substantial number of years as state geologists, or have retired from office.

MEETINGS: Annual (April or May).

PUBLICATIONS: *State Geologists Journal*, semiannual, current volume: 23, \$5. Editor: James L. Calver.

252 THE ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS.

155 Experimental Engineering Building, University of Minnesota, Minneapolis, Minn. 55455. (612) 376-7565. President: W. J. Halstead. Term expires February 1972. President-Elect: W. K. Parr. Secretary-Treasurer: Eugene L. Skok, Jr. Term indefinite.

HISTORY: Formed 1924 in Chicago, Illinois with 19 charter members. Incorporated 1970 in Minnesota.

PURPOSE: To (1) advance the technology of asphalt pavement construction; (2) produce and test the materials entering into the construction of asphalt pavements and the control of the production and laying of such pavements; (3) encourage communications between persons charged with the technical responsibility for the production and laying of asphalt pavements or the production of materials entering into the construction of such pavements; (4) serve as a central point of exchange of ideas related to the technology of asphalt paving; (5) conduct, encourage and collate research in the asphalt pavement industry.

MEMBERSHIP: Member (650), Bachelor's degree plus three years experience in asphalt technology or ten years experience;

Junior (10); Life, 20 years continuous membership at age 65, or 30 years continuous membership.

MEETINGS: Annual (February).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Emmon's Annual Best Paper Award, best paper at annual meeting and technical sessions.

PUBLICATIONS: *Proceedings of Association of Asphalt Paving Technologists*, annual, current volume: 39, \$12-15. Editor: E. L. Skok, Jr.

253 ASSOCIATION OF BONE AND JOINT SURGEONS.

Address communications to: Richard H. Fisher, Secretary, P.O. Box 1531 Lewis-Gale Clinic, Roanoke, Va. 24007. (703) 343-9311. President: Robert E. Carroll. Secretary: Richard H. Fisher. Treasurer: Ronald Linscheid.

HISTORY: Founded April 1949 in Oklahoma City, Oklahoma. Incorporated 1949 in Oklahoma.

PURPOSE: To (1) exchange information on the various aspects of orthopaedic surgery; (2) stimulate the development and advancement of orthopaedic surgery; (3) train men for leadership in orthopaedic surgery; (4) sponsor and contribute to the scientific aspects of, and clinical research in, orthopaedic surgery.

MEMBERSHIP: Active (75) and International (10), members of the American Academy of Orthopaedic Surgeons or its equivalent, recommended by two members; Senior, 55 years of age; Honorary, recommended by membership.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Annual financial support to Orthopaedic Research and Educational Foundation. *Prizes and Awards:* Nicholas Andry Awards, two awarded annually for outstanding publications in clinical research in orthopaedics.

PUBLICATIONS: *Clinical Orthopaedics and Related Research*, eight issues per year. Editor: Marshall Urist.

254 ASSOCIATION OF CLINICAL SCIENTISTS.

P.O. Drawer "B", Newington Post Office, Hartford, Conn. 06111. (203) 666-6012. President: Irene E. Roeckel. Term expires November 1971. President-Elect: Mel A. Davis. Secretary-Treasurer: F. William Sunderman, Jr. Term expires November 1972.

HISTORY: The Association of Clinical Scientists was organized in 1949 as the Clinical Science Club. In 1956 the name was changed to the Association of Clinical Scientists. The Association received a charter from the State of Pennsylvania on March 1, 1957 as a nonprofit scientific organization. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science.

PURPOSE: To (1) promote education and research in clinical science by practical methods; (2) maintain and improve the accuracy of measurements in clinical laboratories and to promote uniformity in clinical laboratory procedures; (3) encourage cooperation between physicians and nonphysician groups concerned with the application of scientific methods to medical practice; (4) support the principles and ethics of the practice of medicine and all of its constituent basic sciences.

MEMBERSHIP: Fellow (481), M.D. or Ph.D., professional experience in clinical science areas; Associate (22), B.S. or M.S., extraordinary contributions to clinical laboratory science; Corresponding (16), foreign scientist (M.D. or Ph.D.) with extraordinary contributions to clinical science.

MEETINGS: Annual (Spring); Applied Seminars (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Meetings and applied seminars on specific topics in clinical science. *Prizes*

and Awards: Clinical Scientist of the Year, annual, scientific contributions to clinical laboratory science; Diploma of Honor, annual, meritorious contributions to practice of laboratory medicine.

PUBLICATIONS: *Proceedings of the Applied Seminars of the Association of Clinical Science*, annual, current volume: 11, \$29.50. Editor: F. William Sunderman.

ASSOCIATION OF COLLEGIATE SCHOOLS OF NURSING. See NATIONAL LEAGUE FOR NURSING.

ASSOCIATION OF IRON AND STEEL ELECTRICAL ENGINEERS. See ASSOCIATION OF IRON AND STEEL ENGINEERS.

255 ASSOCIATION OF IRON AND STEEL ENGINEERS. 1010 Empire Building, Pittsburgh, Pa. 15222. (412) 281-6323. President: William P. Hill. Term expires December 1971. President-Elect: Reynold C. MacDonald. Treasurer: O. J. Crepeau. Term expires December 1971. Managing Director: W. C. Friesel.

HISTORY AND ORGANIZATION: Originated in 1907 as the Association of Iron and Steel Electrical Engineers. Name changed in August 1936 to the Association of Iron and Steel Engineers (AISE). *Geographic Divisions*: Sixteen. *Specialty Divisions*: Combustion Engineering; Electrical Engineering; Lubrication Engineering; Mechanical and Welding; Operating Practice; Rolling Mill. *Scientific and Technical Committees*: Research and Standardization, with subcommittees on Revision of AISE Standard on Sling and Crane Chain Standards, Electric Overhead Traveling Cranes for Steel Mill Service, Specifications for Design of Ladle Hooks, Ladle Specifications, Mill Motor Brake Standards, Mill Building Design and Carbon Brushes.

PURPOSE: To advance the technical and engineering phases of the production and processing of iron and steel.

MEMBERSHIP: Active (6,218), employed by steel producing company; Associate (6,029), employed by supplier company serving the steel industry.

MEETINGS: Annual (1971 and 1972 in September, in April thereafter); Iron and Steel Exposition (April of uneven years, beginning 1973); Rolling Mill Conference (1971 and 1972 in Spring, in September thereafter).

PROFESSIONAL ACTIVITIES: *Research*: Studies conducted under various subcommittees. *Educational*: Sponsor National Merit Scholarships, with preference going to students pursuing engineering degrees (or related fields) and to children of members. *Prizes and Awards*: AISE-Kelly Awards, \$500, \$300, \$100, best papers published in monthly technical journal, *Iron and Steel Engineer*, during the year.

PUBLICATIONS: *Iron and Steel Engineer*, monthly, current volume: 48, \$7.50 (domestic). *Iron and Steel Daily News*, three issues per year. *AISE Yearly Proceedings*, annual, current volume: 47, \$10 (members), \$15 (nonmembers). Editor of publications: Thomas A. Kocis.

256 ASSOCIATION OF MEDICAL ILLUSTRATORS. Address communications to: Octavia Garlington, Corresponding Secretary, Medical College of Georgia, Augusta, Ga. 30902. (404) 724-7111. President: Charlotte S. Holt. Term expires October 1971. Chairman of the Board of Governors: Steven P. Giogliotti. Term expires October 1971. Treasurer: Ernest W. Beck. Term expires October 1971. Corresponding Secretary: Octavia Garlington. Term expires October 1971.

HISTORY: Founded 1945 in Chicago, Illinois.

PURPOSE: To (1) promote the study and encourage the advancement of medical illustration and allied fields of visual education; (2) advance medical education; (3) promote understanding and cooperation with the medical and related professions.

MEMBERSHIP: Active (251), medical illustrators who have met and maintained standards approved by the Association; Associate (34), persons engaged in allied pursuits contributing to the advancement of visual education in the broad field of medicine; Honorary (5), persons of distinction interested in the welfare of the organization; Sustaining (3), firms which further the Association's work by annual financial contributions.

MEMBERSHIP SERVICES: Employment notification service.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research*: Salary survey of the membership and the profession. *Educational*: Scholarship fund for deserving students in accredited schools of medical illustration. *Prizes and Awards*: Ralph Sweet Award, annual, outstanding artwork exhibited at the Association's annual meeting; Tom Jones Award, best scientific exhibit presentation at the American Medical Association's annual convention.

PUBLICATIONS: *Medical Art*, irregular, current volume: 20, \$2.50 per copy. Editor: Elizabeth H. Broedel. *AMI Newsletter*, irregular, current volume: 12, free to members. Editor: James Eckman.

ASSOCIATION OF MEDICAL LIBRARIANS. See MEDICAL LIBRARY ASSOCIATION, INC.

ASSOCIATION OF MEDICAL OFFICERS OF AMERICAN INSTITUTIONS FOR IDIOTIC AND FEEBLE-MINDED PERSONS. See AMERICAN ASSOCIATION ON MENTAL DEFICIENCY.

ASSOCIATION OF MEDICAL SUPERINTENDENTS OF AMERICAN INSTITUTIONS FOR THE INSANE. See AMERICAN PSYCHIATRIC ASSOCIATION.

257 ASSOCIATION OF MILITARY SURGEONS OF THE UNITED STATES. 8502 Connecticut Avenue, Chevy Chase, Md. 20015. (301) 657-1980. President: M. J. Musser. Term expires December 1971. President-Elect: Fred A. Heimstra. Secretary-Treasurer: Walter Welham. Term indefinite.

HISTORY AND ORGANIZATION: Established in 1891 and incorporated by an act of Congress in 1903. *Geographic Divisions*: Eight chapters. *Specialty Divisions*: Dental; Veterinary; Nursing; Medical Service Corps; Medical Specialist Corps; Pharmacy; Sustaining Membership; Chapters. *Scientific and Technical Committees*: Medicolegal Matters, Relationship with Other Societies: Members serve on Section Council of Section on Military Medicine of the American Medical Association.

PURPOSE: To (1) provide a forum for discussion of medical, professional and scientific matters of importance to the Federal Medical Services; (2) promote the objectives of its constituent services; (3) increase the interest and professional stature of its membership by mutual association and the consideration of medical subjects and other matters of both general and special concern.

MEMBERSHIP: Active (5,510), (a) those who are or have been commissioned officers or GS-9 and above civilians in the constituent services, including comparable positions in the Public Health Service and Veterans Administration, (b) officers of the

military medical services of other nations, (c) individuals who are or have been medical consultants to the Chiefs of the Federal Medical Services; Life (386); Ex-Officio (87); Sustaining (217).

MEMBERSHIP SERVICES: Book service; personal employment ads.

MEETINGS: Annual (November or December).

PROFESSIONAL ACTIVITIES: Prizes and Awards: Major Louis Livingston Seaman Prize, annual, notable article published in *Military Medicine* during previous year, \$250; John Shaw Billings Award, annual, to member under 41 years of age for outstanding potential in the field of executive medicine, \$500; Casimir Funk Award, annual, to a person eligible for membership for significant contributions in the field of cardiovascular disease, \$500; Federal Nursing Service Award, to any nurse in the Federal Nursing Service for best essay on a beneficial study of, or contribution to, professional nursing in any area of practice, \$500; Gorgas Medal, annual, to member for distinguished work in preventive medicine, \$500; Philip Hench Award, to a physician in the Federal Medical Services for outstanding contributions in the field of rheumatology and arthritis, \$1,000; McLester Award, to member for outstanding work in the field of nutrition and dietetics, \$500; Stitt Award, to member for notable work in medicine, \$500; Sustaining Membership Lecture, annual, to member for outstanding contribution in the field of medical research, \$500; Sir Henry Wellcome Medal and Prize, annual, for best essay on military medicine, \$500; James Clarke White Award, to a member for outstanding work in clinical or research dermatology while employed by U.S. Government, \$500; Major Gary Wratten Award, to individual eligible for membership for outstanding contribution to military medicine, \$500; Founder's Medal, outstanding contribution to military medicine and meritorious service to Association; Joel T. Boone Award, annual, outstanding contributions to military medicine and for meritorious service to the Association; Colonel Peter M. Margitis Award in Dentistry, outstanding contributions to dentistry, \$500; Federal Medical Services Resident's Award, to any federal medical resident for best essay on a beneficial study of, or contribution to federal medicine in any medical area of federal medical practice, \$500; Andrew Craigie Award, outstanding accomplishment in pharmacy in the Federal Government, \$500; William C. Porter Lecture, \$500; Kober Lecture, triennial.

PUBLICATIONS: *Military Medicine*, monthly, current volume: 136, \$15 (U.S.), \$17 (other). Editor: Ernest A. Brav.

258 ASSOCIATION OF MINNESOTA ENTOMOLOGISTS.

P.O. Box 7511, Saint Paul, Minn. 55119. Executive Council Member and Editor: John H. Masters. Term indefinite. Executive Council Members: E. Mance Brackney and William A. Bergman.

HISTORY: Organized September 24, 1966.

PURPOSE: To (1) bring together, educationally and socially, persons interested in the study of entomology in Minnesota; (2) publish a bulletin to further the entomological knowledge of the region.

MEMBERSHIP: Member (150), anyone with an interest in entomology.

MEETINGS: Monthly.

PROFESSIONAL ACTIVITIES: Research: Annual seasonal collecting summary (Lepidoptera and Coleoptera) of Minnesota.

PUBLICATIONS: *Bulletin of the Association of Minnesota Entomologists*, quarterly, current volume: 5, \$3. Editor: John H. Masters. *Mid-Continent Lepidoptera Series*, irregular, current volume: 2, \$6. Editor: John H. Masters.

ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS. See ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS.

259 ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS.

Box 540 Benjamin Franklin Station, Washington, D.C. 20044. (202) EX3-1454. President: Henry A. Davis. Term expires October 1971. Executive Secretary: Luther G. Ensminger. Executive Director: William Horwitz.

HISTORY AND ORGANIZATION: Originated as the Association of Official Agricultural Chemists in 1884 in Philadelphia, Pennsylvania. Name changed in 1965 to the present form. *Scientific and Technical Committees:* Ashing Methods; Automated Methods; Safety; Statistics. Assignments for testing methods are made under five major subcommittees.

PURPOSE: To (1) secure, devise, test and adopt uniform, precise and accurate methods for the analysis of foods, feeds, fertilizers, economic poisons and other commodities and substances relating to agricultural pursuits, and drugs, cosmetics, colors, hazardous substances and other commodities affecting public health; (2) promote uniformity and reliability in the statement of analytical results; (3) promote, conduct and encourage research in chemistry and other sciences in their relation to agriculture and public health, and to problems pertinent to regulatory control of commodities and substances listed above; (4) afford opportunity for the discussion of matters of interest to chemists and other scientists engaged in pursuits pertinent to this section.

MEMBERSHIP: Active, scientists engaged in analysis and research on substances related to agricultural pursuits and/or public health in governmental institutions; Associate, nongovernmental scientists serving the Association in an official capacity (special committee or associate referee) and retired Active members; Honorary, recommended by the Executive Committee, elected at a regular meeting.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: Research: Serves as the center for coordinating scientific studies on methods of analysis, receiving and evaluating results, giving official sanction to the acceptable methods and publishing and disseminating them. Actual work of devising and testing methods is done by members in their official and professional capacities. *Educational:* Harvey W. Wiley Scholarship, \$500 per year for two years. *Prizes and Awards:* Harvey W. Wiley Award for Achievement in Analytical Chemistry, \$750.

PUBLICATIONS: *Journal of the Association of Official Analytical Chemists*, bimonthly, current volume: 53. Editor: Helen L. Reynolds. *Official Methods of Analysis of the Association of Official Analytical Chemists*, every five years, current volume: 11th edition. Editor: William Horwitz.

260 ASSOCIATION OF OFFICIAL SEED ANALYSTS. Address communications to: William N. Rice, Secretary-Treasurer, University West Experiment Station, Amherst, Mass. 01002. (413) 545-2315. President: E. E. Hardin. Term expires June 1971. President-Elect: L. N. Bass. Secretary-Treasurer: W. N. Rice. Term expires June 1973.

HISTORY AND ORGANIZATION: Established in 1908 by 16

states, the U.S.D.A. and Canada. *Scientific and Technical Committees*: Research; Referee. *Relationship with Other Societies*: Cooperates in research and laboratory referee work with International Seed Testing Association, Society of Commercial Seed Technologists, and Commercial Seed Analysts Association of Canada. Joint meetings are held with these organizations.

PURPOSE: To (1) improve seed testing in all its branches; (2) promote uniform laboratory methods by research; (3) conduct referee tests for uniform techniques; (4) further exchange of ideas; (5) foster seed control legislation and regulation; (6) promote appreciation of benefits of seed testing.

MEMBERSHIP: Laboratory (70), official laboratory according to constitution; Associate (20), elected by Society and engaged in seed testing; Honorary (32), elected for outstanding contributions.

MEMBERSHIP SERVICES: Public service kit.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research*: Blowing methods for purity analysis; tetrazolium testing. *Prizes and Awards*: Merit Award.

PUBLICATIONS: *Proceedings of the Association of Official Seed Analysts*, annual, current volume: 69, \$5. Editor: Willard Crosier. *Newsletter of the AOSA*, four issues per year, current volume: 44, \$2. Editor: C. Hunter Andrews.

ASSOCIATION OF RECORD LIBRARIANS OF NORTH AMERICA. See AMERICAN MEDICAL RECORD ASSOCIATION.

ASSOCIATION OF REGIONAL WEED CONFERENCES. See WEED SCIENCE SOCIETY OF AMERICA.

261 THE ASSOCIATION OF SOCIAL AND BEHAVIORAL SCIENTISTS. *Address communications to*: Jacquelyne J. Jackson, Executive Secretary, P.O. Box 8522, Durham, N.C. 27707. (919) 489-2563. President: James E. Conyers. Term expires April 1971. President-Elect: Russell Stockard. Secretary: Jacquelyne J. Jackson. Term expires April 1971. Treasurer: Richter H. Moore. Term expires April 1971.

HISTORY AND ORGANIZATION: Founded in October 1935 as the Association of Social Science Teachers in Negro Schools at the Johnson C. Smith University, Charlotte, North Carolina. Present name adopted in 1968. Incorporation pending, probably in Tennessee. *Specialty Divisions*: Black Studies; Sociology; Psychology; Geography; History; Anthropology; Economics; Social Work. *Scientific and Technical Committees*: Research.

PURPOSE: To (1) encourage research and the study of methods, content and procedures for the vitalizing and advancement of social science offerings in schools and colleges; (2) encourage interest of and scholarship among students in the social sciences in schools, colleges and universities.

MEMBERSHIP: Regular (375), college graduate, social or behavioral scientist engaged in teaching, administration, or of professional employment; Student (3), undergraduate in social and behavioral sciences, interested in membership.

MEETINGS: Annual (late April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: The DuBois Award, annual, to individuals exemplifying scholarly and democratic concerns of the late W.E.B. DuBois.

PUBLICATIONS: *Journal of Social and Behavioral Sciences*, quarterly, current volume: 16, \$8. Editor: Ralph H. Hines.

ASSOCIATION OF SOCIAL SCIENCE TEACHERS IN NEGRO SCHOOLS. See THE ASSOCIATION OF SOCIAL AND BEHAVIORAL SCIENTISTS.

ASSOCIATION OF TECHNICAL WRITERS AND EDITORS. See SOCIETY FOR TECHNICAL COMMUNICATION.

ASTRONOMICAL AND ASTROPHYSICAL SOCIETY OF AMERICA. See AMERICAN ASTRONOMICAL SOCIETY.

262 ATLANTIC ESTUARINE RESEARCH SOCIETY. *Address communications to*: William B. Cronin, Executive Secretary, Chesapeake Bay Institute, RD 3, Box 32, Annapolis, Md. 21403. (301) 268-5231. President: Andrew J. McElean. Term expires Fall 1971. Secretary-Treasurer: David Flemer. Term expires Fall 1971. Executive Secretary: William B. Cronin. Term expires Fall 1972.

HISTORY AND ORGANIZATION: The Society originated in 1949 with a group for Maryland, Virginia, Delaware and North Carolina. A combination of the New England Estuarine Society and as yet unnamed group from the southern Mid-Atlantic area is being planned. *Relationship with Other Societies*: Subgroup of the New England Estuarine Research Society.

PURPOSE: To (1) encourage all forms of estuarine research; (2) meet informally to hear and discuss papers in all branches of estuarine research.

MEMBERSHIP: General (420), actively engaged in estuarine research.

MEETINGS: Semiannual (April and September).

PUBLICATIONS: Intersociety newsletter in process.

263 AUTOMEDICA CORPORATION. 247 Edythe Street, Livermore, Calif. 94550. (415) 443-3007. President: Arthur H. Pike. Treasurer: Enoch Haga.

HISTORY AND ORGANIZATION: Incorporated January 3, 1969 in Vermont. *Scientific and Technical Committees*: Advisory Editorial.

PURPOSE: To provide educational services and information concerning automation, computing, data processing, and applied medical technology, as it is related to and pertinent to the life sciences and the medical arts.

MEMBERSHIP: Member (100), interest in the purposes of the corporation.

MEETINGS: Annual (January).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Automedica Award for outstanding contributions relating to automation, computing, data processing, or applied medical technology, as applied to the life sciences and the medical arts.

PUBLICATIONS: *Automedica*, six issues per year, current volume: 2, \$16. Editor: Enoch Haga.

264 THE BIOLOGICAL SOCIETY OF WASHINGTON. *Address communications to*: Isabel C. Canet, Smithsonian Institution, 10th and Constitution Avenue, N.W., Washington, D.C. 20560. (202) 381-5781. President: Daniel M. Cohen. Term expires February 1972. Secretary: Isabel C. Canet. Term expires February 1972. Treasurer: Maureen E. Downey.

HISTORY: Organized December 3, 1880.

PURPOSE: To (1) further the taxonomic study of organisms; (2)

increase and diffuse biological knowledge among interested persons.

MEMBERSHIP: Interest in biological sciences. Associate (15); Active (531); Life (4); Emeritus.

MEETINGS: Annual (Winter).

PROFESSIONAL ACTIVITIES: *Educational:* Symposium on the Panamic Biota.

PUBLICATIONS: *Proceedings of the Biological Society of Washington*, annual, current volume: 84, \$10. Editor: Paul J. Spangler.

265 BIOLOGICAL STAIN COMMISSION, INC. University of Rochester, 260 Crittenden Boulevard, Rochester, N.Y. 14620. President: James B. Longley. Term indefinite. Secretary: Victor M. Emmel. Term indefinite. Treasurer: Elmer H. Stotz. Term indefinite.

HISTORY AND ORGANIZATION: Originated as a special committee of the National Research Council. Later became the Commission on Standardization of Biological Stains. Incorporated in 1943 in New York State as the Biological Stain Commission. *Relationship with Other Societies:* Representatives to the Histochemical Society, American Pharmaceutical Association, American Chemical Society, Society of American Bacteriologists, American Association of Pathologists and Bacteriologists and the Botanical Society of America.

PURPOSE: To (1) standardize biological stains, that is, dyes or products and preparations of dyes used for any and all purposes in laboratory procedures; (2) carry on investigations looking towards the perfecting of the supply of biological stains, and towards the development of new uses for them; (3) publish scientific data relating to the nature and use of biological stains; (4) issue statements of certification to manufacturers which they may use in accordance with and subject to the rules and regulations from time to time adopted by the Board of Trustees of this organization on different batches of stain that have been tested by the Commission; (5) carry on investigations in related fields wherever they seem desirable towards bringing about any of the objects of this organization.

MEMBERSHIP: Individual (102), recommendation from colleagues.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Continuing investigation of chemical and staining characteristics of dyes; support of summer research projects. *Educational:* Summer fellowships to students at different universities, \$750.

PUBLICATIONS: *Stain Technology*, 6 issues per year, current volume: 46, \$10. Editor: H. A. Davenport.

266 THE BIOMETRIC SOCIETY. Eastern North American Region. *Address communications to:* Foster B. Cady, Secretary-Treasurer, 337 Warren Hall, Cornell University, Ithaca, N.Y. 14850. (607) 256-5488. President: B. G. Greenberg. Term expires December 1971. President-Elect: E. A. Gehan. Secretary-Treasurer: F. B. Cady. Term expires December 1971.

HISTORY: The international organization, The Biometric Society, was founded at Woods Hole, Massachusetts, U.S.A., September 5-6, 1947 as a result of a report at the First International Biometric Conference. The Eastern North American Region is a geographically delimited region (that part of Canada and the United States lying east of approximately 104° longitude) of the international society.

PURPOSE: To (1) advance biological science through the devel-

opment of quantitative theories and the application, development and dissemination of effective mathematical and statistical techniques; (2) welcome as members biologists, mathematicians, statisticians and others interested in applying similar techniques.

MEMBERSHIP: Regular (1,174), interest in statistical techniques, sponsored by a member; Sib (family) (5); Student (137); Sustaining (institutional) (17), approval by council.

MEETINGS: Spring (April or May); Annual (August or December).

PUBLICATIONS: *Biometrics* (published by the international society), quarterly, current volume: 27, \$15. Editor: H. A. David.

267 THE BIOMETRIC SOCIETY. Western North American Region. *Address communications to:* Jan W. Kuzma, Secretary-Treasurer, Department of Biostatistics, School of Public Health, Loma Linda University, Loma Linda, Calif. 92354. (714) 796-8333. President: Donovan J. Thompson. Term expires December 1971. President-Elect: Edward B. Perrin. Secretary-Treasurer: Jan W. Kuzma. Term expires December 1971.

HISTORY: Organized in 1948 to provide local representation and administrative aid to the international Biometric Society.

PURPOSE: The goals of the Western North American Region are those of the international Biometric Society.

MEMBERSHIP: Regular, interest in statistics, biometry, and/or mathematical biology; Student, certified college or university student; Sib, family member to Regular member.

MEETINGS: Regional Meeting, usually in conjunction with Pacific Division of the American Association for the Advancement of Science (June); Annual, usually in conjunction with the eastern region (December or August).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Award for best student paper given at regional meeting when held in conjunction with the Pacific Division of the American Association for the Advancement of Science.

268 BIOPHYSICAL SOCIETY. *Address communications to:* Margaret O. Dayhoff, Secretary, National Biomedical Research Foundation, 11200 Lockwood Drive, Silver Spring, Md. 20901. (301) 593-6900. President: Fred M. Snell. Term expires January 1972. President-Elect: Frederic Richards. Secretary: Margaret O. Dayhoff. Term expires February 1975. Treasurer: John B. Wolff. Term expires February 1975.

HISTORY AND ORGANIZATION: Founded 1957 in Columbus, Ohio. *Specialty Divisions:* Photobiology; Muscle Contractility; Bioenergetics; Membrane Biophysics. *Scientific and Technical Committees:* Biology of Survival; Ethical and Moral Questions; Scientific Public Policy.

PURPOSE: To encourage development and dissemination of knowledge of biophysics.

MEMBERSHIP: Regular (1,950), scientist sharing purpose of Society and having educational, research or practical experience roughly equivalent to a Ph.D. in biophysics or in an allied field; Student (150), pursuing a course of study in biophysics or related sciences.

MEMBERSHIP SERVICES: Placement service.

MEETINGS: Annual (Winter).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Samuel A. Talbot Memorial Awards, to student members of the Society to help defray travel expenses to the annual meetings.

PUBLICATIONS: *Biophysical Journal*, monthly, current volume: 11, \$17.50 (members), \$35 (nonmembers). Editor: Max A. Lauffer. *Biophysical Society Annual Newsletter*, annual, for

members only. Editor: Margaret O. Dayhoff. *Biophysical Society Directory*, biennial. Editor: Margaret O. Dayhoff.

- 269 BOTANICAL SOCIETY OF AMERICA, INC.** *Address communications to:* Barbara F. Palser, Secretary, Botany Department, Rutgers University, New Brunswick, N.J. 08903. (201) 247-1766. President: Richard C. Starr. Term expires December 1971. Secretary: Barbara F. Palser. Term expires December 1974. Treasurer: Theodore Delevoryas. Term expires December 1972.

HISTORY AND ORGANIZATION: Formed in 1906 as the result of the merger of the Botanical Society of America (1893), the Society for Plant Morphology and Physiology (1896), and the American Mycological Society (1903). Incorporated 1939 in Connecticut. *Geographic Divisions:* Four. *Specialty Divisions:* Developmental; General; Historical; Microbiological; Paleobotanical; Phycological; Physiological; Phytochemical; Pteridological; Systematic; Teaching. *Scientific and Technical Committees:* Conservation; Education. *Relationship with Other Societies:* Affiliated society of the American Association for the Advancement of Science; adherent society of the American Institute of Biological Sciences.

PURPOSE: To promote scientific and educational advancement in the field of botany.

MEMBERSHIP: Open to all persons actively interested in botanical work. Regular (2,362); Student (514); Family (160); Life (29); Retired (201), member for 25 years and retired; Corresponding (45), outstanding foreign botanists; Sustaining (4).

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Educational:* Committee on Education has produced a career booklet called *Botany as a Profession* instigated a compilation of laboratory experiments and sponsored summer institutes. *Prizes and Awards:* Award of Merit, annual, given to one to four outstanding American botanists; Darbaker Prize in Phycology, annual; New York Botanical Garden Award, annual, an outstanding book or paper in past year.

PUBLICATIONS: *American Journal of Botany*, ten issues per year, current volume: 58, \$21.50 (U.S.), \$22 (Canada), \$22.50 (foreign). Editor: Norman H. Boker. *Plant Science Bulletin*, four issues per year, current volume: 17, members only. Editor: Robert W. Long. *Yearbook*, biennial, \$5. Editor: Barbara F. Palser. *Guide to Graduate Study in Botany*, irregular, \$3. Editor: Barbara F. Palser.

CALIFORNIA ACADEMY OF NATURAL SCIENCES. See CALIFORNIA ACADEMY OF SCIENCES.

- 270 CALIFORNIA ACADEMY OF SCIENCES.** San Francisco, Calif. 94118. (415) 221-5100. Chairman of the Board: E. Morris Cox. Term indefinite. President: A. Starker Leopold. Term indefinite. Secretary: Ian Campbell. Term indefinite. Treasurer: Peter E. Haas. Director: George E. Lindsay.

HISTORY AND ORGANIZATION: Founded in San Francisco in April 1853 as the California Academy of Natural Sciences. The name was changed to California Academy of Sciences about fifteen years later. A large museum built in downtown San Francisco in the 1880's was destroyed in the earthquake and fire of 1906. The new Academy opened in Golden Gate Park in 1916. Incorporated 1853 in California. *Specialty Division:* Junior Academy of Science. *Scientific and Technical Committees:* Science Council; Research; Scientific Publications; Conservation; Pacific Discovery Editorial Board. *Relationship with Other Societies:* Headquarters and offices of the Pacific Divisions of: American Association for the Advancement of Science; Pacific Coast Entomological Society; Astronomical Society

of the Pacific; San Francisco Horticultural Society; San Francisco Aquarium Society.

PURPOSE: To (1) promote science; (2) conduct original research and maintain suitable facilities therefore; (3) gather and maintain collections of objects pertinent to the purposes of the corporation, making them available to students and displaying appropriate portions of them to the public through the medium of museums or other forms of exhibition; (4) maintain libraries; (5) prepare and distribute materials pertaining to science and education in the sciences; (6) offer education in the sciences.

MEMBERSHIP: Fellow (242), elected by Board of Trustees; Regular (2,214); Family (2,075); Contributing (405); Life (265); Friend (40); Benefactor (9); Junior Academy (361).

MEMBERSHIP SERVICES: Free admission to museums, aquarium and planetarium; 80,000 volume scientific library.

MEETINGS: Annual (October); monthly.

PROFESSIONAL ACTIVITIES: *Research:* Flora of the Chiapas (Mexico); Flora of the Galapagos Islands; Flora of the Sierra Nevada; Monographic Studies of Insects; Biology of Baja, California; Systematics of Scorpionfishes; etc. *Educational:* Courses in astronomy, navigation; Junior Academy fellowships (\$600/year); Junior Academy summer classes. *Prizes and Awards:* Fellows Medal, annual.

PUBLICATIONS: *Proceedings of the California Academy of Sciences*, irregular, current volume: 88, free to members. Editor: Edward Kessell. *Pacific Discovery*, bimonthly, current volume: 24, \$4. Editor: Bruce Finson. *Newsletter*, monthly, current volume: 374. Editor: Hal Richardson. *Memoirs*, irregular, current volume: 6. Editor: Edward Kessell.

CALIFORNIA ASSOCIATION OF SANITARIANS. See NATIONAL ENVIRONMENTAL HEALTH ASSOCIATION.

CALIFORNIA ENTOMOLOGICAL CLUB. See PACIFIC COAST ENTOMOLOGICAL SOCIETY.

- 271 CALIFORNIA MEDICAL ASSOCIATION.** 693 Sutter, San Francisco, Calif. 94102. (415) 776-9400. President: Roberta Fenlon. Term expires March 1972. President-Elect: Jean F. Crum. Chairman of the Council: John T. Sady. Executive Director: Robert L. Thomas.

HISTORY: Organized March 12, 1856 as the Medical Society of the State of California. Reorganized in 1870. Name changed to present title in 1923.

PURPOSE: To (1) promote the science and art of medicine, the protection of public health, and the betterment of the medical profession; (2) promote similar interests of its component societies; (3) unite with similar organizations in other states and territories of the U.S. to form the American Medical Association.

MEMBERSHIP: Active (24,336), M.D. and license to practice as physician and surgeon in California.

MEETINGS: Annual.

PUBLICATIONS: *California Medicine*, monthly, \$8. Editor: Malcolm S. M. Watts.

- 272 CALIFORNIA STATE PSYCHOLOGICAL ASSOCIATION.** 8235 Santa Monica Boulevard, Los Angeles, Calif. 90046. (213) 654-2839. President: Maurice Zemlick. Term expires January 1972. President-Elect: Karl E. Pottharst. Secretary: Marcella S. McGlothlin. Term expires January 1972. Treasurer: Donald P. Cliggett. Executive Officer: Ellis Cline.

HISTORY AND ORGANIZATION: Founded 1947. Founded California School of Professional Psychology in 1969.

Reorganization into divisional structure in 1971. *Scientific and Technical Committees*: Social Issues. *Relationship with Other Societies*: Affiliated with the American Psychological Association (represented on Council).

PURPOSE: To (1) advance psychology as a science and as a means of promoting human welfare; (2) encourage psychology in all its branches in the broadest and most liberal manner; (3) promote research in psychology; (4) improve research methods and conditions; (5) improve the qualifications and usefulness of psychologists through high standards of professional ethics, conduct, education and achievement; (6) increase psychological knowledge through meetings, professional contacts, reports, papers, discussions and publications; (7) advance scientific interests and inquiry and the application of research findings to the promotion of public welfare.

MEMBERSHIP: Member (1,500), membership in the American Psychological Association, or licensed as a psychologist in California, or possessor of a valid California School Psychologist Credential, or possessor of an earned Ph.D. in psychology or educational psychology.

MEETINGS: Annual (January).

PROFESSIONAL ACTIVITIES: Research: Drugs, status of women, youth, minority groups, poverty. *Educational*: Founded the California School of Professional Psychology to train clinical psychologists, Ph.D. degrees awarded. *Prizes and Awards*: Theodore Perkins Memorial Award, annual, for outstanding paper by graduate student in psychology; annual awards for outstanding contributions to the science and profession of psychology in California.

PUBLICATIONS: *California State Psychologist*, six issues per year, current volume: 12, \$6. Editor: Charles Ansell. *Membership Directory*, biannual, current volume: 3, \$5 (individuals), \$25 (libraries, agencies, etc.).

CANADIAN DENTAL FACULTIES' ASSOCIATION. See AMERICAN ASSOCIATION OF DENTAL SCHOOLS.

CENTRAL ASSOCIATION OF SCIENCE AND MATHEMATICS TEACHERS, INC. See SCHOOL SCIENCE AND MATHEMATICS ASSOCIATION, INC.

CENTRAL NATURALISTS. See AMERICAN SOCIETY OF ZOOLOGISTS.

273 CENTRAL SOCIETY FOR CLINICAL RESEARCH, INC. *Address communications to*: Giles G. Bole, Secretary-Treasurer, B2957 University Hospital, Ann Arbor, Mich. 48104. (313) 764-1203. President: Oscar D. Ratnoff. Secretary-Treasurer: Giles G. Bole. Term expires November 1975.

HISTORY AND ORGANIZATION: Founded April 1928 in Rochester, Minnesota at the time of the joint meeting of the Central Clinical Research Club and Central Interurban Clinical Club. Incorporated 1966 in Illinois. *Relationship with Other Societies*: Joint sessions with Midwest Section, American Federation for Clinical Research.

PURPOSE: To (1) advance medical science; (2) cultivate clinical research by the methods of the natural and behavioral sciences; (3) correlate science with the art of medical practice; (4) encourage scientific investigation by the medical practitioner; (5) diffuse scientific spirit among the members of the corporation; (6) sponsor scientific meetings and publications.

MEMBERSHIP: Active (801), elected by credentials; Emeritus (386), after 15 years as Active.

MEETINGS: Annual (early November).

PUBLICATIONS: *Journal of Laboratory and Clinical Medicine*, monthly, current volume: 77, \$22.50. Editors: Harold P. Schedl, William E. Connor. *Proceedings of the Central Society for Clinical Research*, annual, current volume: 43, 1970, free to members, \$2 (nonmembers). Editor: Giles G. Bole.

CENTRAL STATES ENTOMOLOGICAL SOCIETY. See KANSAS ENTOMOLOGICAL SOCIETY.

274 THE CLAY MINERALS SOCIETY. *Address communications to*: T. Dixon Oulton, Secretary, Minerals and Chemicals Corp., Menlo Park, Edison, N.J. 08817. (201) 548-2200. President: John F. Burst. Term expires August 1, 1971. President-Elect: Sturges W. Bailey. Secretary: T. D. Oulton. Term expires August 1971. Treasurer: Joe L. White. Term expires September 1972.

HISTORY AND ORGANIZATION: Incorporated July 18, 1962 in Washington, D.C. *Scientific and Technical Committees*: Nomenclature; Reference Clay Minerals.

PURPOSE: To (1) encourage the advancement of clay mineral science in all its branches; (2) promote research in clay mineral science and technology; (3) increase and diffuse knowledge of clay mineral science and technology; (4) promote scientific interest and inquiry through meetings, reports, papers, discussions and publications, thereby fostering public welfare and education, aiding the development of industries and natural resources and adding to the material prosperity of all people.

MEMBERSHIP: Member (600), interest in clay minerals or related materials; Student (50), enrolled in graduate or undergraduate study in field related to clay mineral; Distinguished (3), elected by Society to recognize outstanding accomplishment and contribution to clay mineral science; Sustaining (15).

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Distinguished Member Award, annual, outstanding scientific/professional contributions to clay mineralogy and related fields.

PUBLICATIONS: *Clays and Clay Minerals*, bimonthly, current volume: 19, \$10. Editor: Max M. Mortland. *Clay Minerals Society Newsletter*, 2-3 issues per year, members only. Editor: T. D. Oulton.

CLINICAL SCIENCE CLUB. See ASSOCIATION OF CLINICAL SCIENTISTS.

CLUB FOR RESEARCH IN AGING. See GERONTOLOGICAL SOCIETY, INC.

275 THE COBLENTZ SOCIETY, INC. Perkin-Elmer Corp., Main Avenue, MS 94, Norwalk, Conn. 06852. (203) 426-5594. President: James Scherer. Term expires March 1972. Secretary: R. W. Hannah. Treasurer: W. V. Potts, Jr.

HISTORY: Founded in 1954. Incorporated the same year in Connecticut. Named after Dr. W. W. Coblenz who pioneered in developing techniques and applications of infrared spectroscopy during the period 1900-1908. *Scientific and Technical Committees*: Evaluation of Reference Spectra; Education.

PURPOSE: To (1) promote communication between academic and industrial spectroscopists; (2) encourage more widespread and intelligent use of infrared and Raman spectroscopy.

MEMBERSHIP: General (700), interest in the advancement of infrared and Raman spectroscopy as a discipline and technique.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Research:* Collection and distribution of evaluated infrared spectra. *Educational:* Evaluation of training aids in infrared spectroscopy; sponsorship of annual Coblenz symposium on a phase of chemical spectroscopy. *Prizes and Awards:* Coblenz Award, annual, to an outstanding chemical spectroscopist under age 35.

PUBLICATIONS: *Coblenz Society Mailings*, quarterly.

276 COLLEGE OF AMERICAN PATHOLOGISTS. 230 North Michigan Avenue, Chicago, Ill. 60601. (312) 346-9150. President: C. A. McWhorter. Term expires October 1971. President-Elect: William J. Reals. Secretary-Treasurer: Robert C. Horn, Jr. Term expires October 1971. Executive Director: Oliver J. Neibel, Jr.

HISTORY AND ORGANIZATION: Founded and incorporated May 14, 1947. *Specialty Divisions:* Academic Pathology; Governmental Pathology; Practice of Pathology in Institutions; Practice of Pathology in the Private Office. *Scientific and Technical Committees:* Standards; Laboratory Inspection and Accreditation; Forensic; Hospital and Institutional Relations; National Legislative; Medical Economics; Communications; Cancer; Laboratory Management and Planning; Private Practice; Nomenclature and Classification of Disease; Quality Assurance Service; Professional Practice; Management Seminar Development; Multiphasic Health Testing and Services; Health Manpower.

PURPOSE: To (1) foster highest standards in education, research and practice of pathology; (2) advance science of pathology through study, education and improvement of economic aspects of practice; (3) improve medical laboratory service to physicians, hospitals and public.

MEMBERSHIP: Fellow (4,313), certified by the American Board of Pathology or other certifying body judged to be equivalent; Founding Fellow (97); Life Fellow (14); Emeritus Fellow (183); Junior Member (744), M.D. in formal training program in pathology leading to Boards; Affiliate Fellow (59).

MEMBERSHIP SERVICES: Placement bureau; inspection and accreditation program; proficiency testing programs; contract consultation.

MEETINGS: Annual (September or October); interim (February or March).

PROFESSIONAL ACTIVITIES: *Research:* Workload recording method; computer services; instrumentation surveys; nuclear medicine studies. *Educational:* Professional administration development seminars for pathologists and laboratory supervisory personnel; fellowship program in conjunction with Student American Medical Association for medical students interested in pathology; seminars in quality assurance service in the laboratory.

PUBLICATIONS: *Pathologist*, monthly, current volume: 25, \$10. Editor: Martin J. Valasek. *Directory of the College of American Pathologists*, biennial.

277 COLORADO PSYCHOLOGICAL ASSOCIATION. Address communications to: Nelson F. Jones, President, 2055 South York, Denver, Colo. 80210. (303) 753-2222. President: Nelson F. Jones. Term expires May 1971. President-Elect: Don Swickard. Chairman of the Board of Directors: J. G. Benedict. Term expires May 1971.

HISTORY AND ORGANIZATION: Founded January 13, 1947. The Association was an outgrowth of the Denver Psychologist's Club which formed October 16, 1944. Incorporated January 7, 1955. *Scientific and Technical Committees:*

Professional Advisory: Social Issues. Relationship with Other Societies: Affiliated with the American Psychological Association. The Colorado Society of Psychologists in Private Practice and the Colorado Society of School Psychologists are affiliates.

PURPOSE: To advance psychology as a science, as a profession and as a means of promoting human welfare in the State of Colorado.

MEMBERSHIP: Life (4), 65 years of age, member five years; Member (244), Member or Fellow in the American Psychological Association, or Ph.D. from accredited graduate school, or Master's degree in psychology or equivalent degree conferred by accredited graduate school and two years post-Masters experience in a clearly psychological position; Associate (21), Associate member of the American Psychological Association, or Master's degree in psychology or its equivalent from an accredited graduate school; Student (18), completion of one graduate year in psychology, current enrollment at an accredited school.

MEMBERSHIP SERVICES: Professional advisory services.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational:* Continuing education. *Prizes and Awards:* Distinguished Service Award, annual, to a psychologist for significant contributions to the objectives of the Association; award(s) annually for outstanding projects in psychology submitted to science fair by junior and senior high students; award(s) to persons outside the field for outstanding contributions to the Association's objectives.

PUBLICATIONS: *The Colorado Psychologist*, four issues per year, current volume: 5, free to members. Editor: Dale LeNoue. *Directory, Colorado Psychological Association*, annual, free to members.

278 THE COLORADO-WYOMING ACADEMY OF SCIENCE. Address communications to: Sister Mary Ann Coyle, Executive Secretary, Loretto Heights College, Denver, Colo. 80236. President: Richard C. Bradley. Term expires 1971. President-Elect: Gordon E. Tomas. Executive Secretary: Sister Mary Ann Coyle. Term indefinite. Treasurer: John K. Gapter. Term indefinite.

HISTORY AND ORGANIZATION: Formed 1930. *Specialty Divisions:* Anthropology; Aquatic Biology; Biochemistry and Physiology; Chemistry; Communications Sciences; Physics; Plant Sciences; Psychology; Science Education; Zoology. *Relationship with Other Societies:* Member of the American Association for the Advancement of Science; advisor and financial supporter of the Junior Academy of Science.

PURPOSE: To unite the scientific men and women of Colorado and Wyoming into an organization for the development and dissemination of scientific knowledge.

MEMBERSHIP: Regular; Sustaining; Student. Open to anyone interested in science. Total membership 510.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational:* Contributes to Science Fair and Junior Academy of Science. *Prizes and Awards:* Research awards.

PUBLICATIONS: *Journal of the Colorado-Wyoming Academy of Science*, annual, current volume: 7. Editor: Sister Mary Ann Coyle.

COMMISSION ON STANDARDIZATION OF BIOLOGICAL STAINS. See BIOLOGICAL STAIN COMMISSION, INC.

COMMITTEE ON FUNGI. See NORTH AMERICAN MYCOLOGICAL ASSOCIATION.

COMMITTEE ON VACUUM TECHNIQUES. See AMERICAN VACUUM SOCIETY.

COMMITTEE ON WILDLIFE DISEASES. See WILDLIFE DISEASE ASSOCIATION.

279. CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA. 2101 Constitution Avenue, N.W., Washington, D.C. 20418. (202) 961-1486. Chairman: Daniel Beig. Term expires December 1971. Secretary: J. J. O'Dwyer. Executive Secretary: Robert A. Cliffe.

HISTORY: Established 1920 within the Division of Engineering and Industrial Research, National Academy of Sciences-National Research Council.

PURPOSE: To (1) encourage and provide for the participation of workers from many diverse disciplines in a common effort directed toward the attainment of a better understanding of dielectric phenomena and electrical insulation behavior; (2) provide a forum and correlation service for research and development activities in the field of its competence; (3) undertake technical service activities for the Academy when such activities are needed in the conduct of programs that are accepted by the Academy.

MEMBERSHIP: Member (10), appointed by the Chairman of the Division of Engineering and Industrial Research upon the approval of the President of the Academy to at least fill the roster of Conference officers and committee chairmen, additional members being appointed at the discretion of the Division Chairman; Associate (350), individuals who have professional interests within the technical scope of the Conference.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Participation in special projects as requested by the Academy Research Council; promotion of international participation in the work of the Conference. *Educational:* Sponsors at least one meeting each year for presentation of technical papers and exchange of technical information through free discussion.

PUBLICATIONS: *Digest of Literature on Dielectrics*, annual, current volume: 33. Editor: Clive W. Reed. *Annual Report*, annual. Editor: P. Deith Watson.

280. THE CONNECTICUT ACADEMY OF ARTS AND SCIENCES. Box 93A, Yale Station, New Haven, Conn. 06520. (203) 436-1026. President: Asger H. Aaboe. Term expires October 1971. Secretary: Dorothea Rudnick. Treasurer: John E. Ecklund.

HISTORY: Formally founded and incorporated in New Haven, Connecticut in 1799.

PURPOSE: To cultivate every art and science which may tend to advance the interest and happiness of a free and virtuous people.

MEMBERSHIP: Active (242), elected for scholarly interest; Life (3); Emeritus (9), retired Active members; Honorary (2), elected by the Academy Council.

MEMBERSHIP SERVICES: Informal consultation on scholarly matters.

MEETINGS: Annual (October or November); intermittent during the academic year.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Collaboration in prizes in Science Talent Search, a competition for high school seniors in Connecticut.

PUBLICATIONS: *Memoirs of the Connecticut Academy of Arts and Sciences*, irregular, current volume: 18, price varies. Editor: Dorothea Rudnick. *Transactions of the Connecticut Academy of Arts and Sciences*, irregular, current volume: 43, price varies. Editor: Dorothea Rudnick.

281. THE CONSTRUCTION SPECIFICATIONS INSTITUTE, INC. 1717 Massachusetts Avenue, N.W., Washington, D.C. 20036. (202) 483-6645. President: Ben F. Greenwood. Term expires June 1971. President-Elect: Arthur J. Miller. Secretary: Richard C. Ehmman. Term expires June 1971. Treasurer: Robert E. Simpson. Term expires June 1972. Executive Director: Joseph A. Gascoigne.

HISTORY AND ORGANIZATION: Founded in Washington, D.C. in 1948. Incorporated under the laws of the State of Maryland. *Geographic Divisions:* Twelve regions; eight sections; 115 chapters. *Scientific and Technical Committees:* Education; Technical Documents; Information Systems.

PURPOSE: To (1) foster and promote the interests of persons, firms, groups, associations, corporations and others engaged in any phase of the business of writing, preparing, compiling, or in any way utilizing specifications in the construction and allied industries; (2) promote improved specification practices in the construction and allied industries; (3) gather, compile and analyze statistics and information relating to or useful in the conduct of such activities; (4) engage in research and study of any and all problems and aspects of specification writing; (5) establish and maintain the Institute as a clearinghouse of unbiased technical information on specifications for the fabrication and installation of construction materials and equipment; (6) promote closer relations and cooperation among its members; (7) further the common interests and opportunities of its members in any and every lawful manner and to do anything necessary and proper for the accomplishment of the objects and purposes herein set forth or which shall be recognized as proper and lawful objectives and purposes of a business league; (8) collect and disseminate statistics and other information of interest to members; (9) conduct studies and technical research work, including the testing of supplies, materials and products made or used or capable of being made or used in the construction and allied industries; (10) make awards and grants, and create endowments, for the purpose of promoting and carrying on any of the objects and purposes of the corporation; (11) conduct business promotion activities by means of educational projects, advertising campaigns, publicity or other lawful means; (12) engage in such activities, including the publication of books and magazines, which may contain such pertinent advertising as may be deemed expedient for the purpose of being self-supporting and to accomplish its purposes, the gains or profits derived therefrom to be used, however, only in such manner as shall be most conducive to the proper carrying out of the purposes herein stated; (13) disseminate information of a general technical, economic, educational and governmental character, to analyze subjects relating thereto, and to secure and present the views of the members to other organizations, governmental agencies, and the public.

MEMBERSHIP: Professional (4,631), two years' experience in writing specifications and concerned professionally with preparation, interpretation and enforcement of the provisions of specifications; Industry (4,954), three years' experience in applying construction specifications in discharging their work function; Junior (142), prospective Professional and Industry members who lack proper technical qualifications or the required experience and who are interested in the improvement

of construction specifications; Student (88), undergraduate or graduate students in recognized architectural or engineering schools; Retired (37), Professional or Industry members no longer engaged in income-producing activities, 65 years of age; Emeritus (15), Professional or Industry members in good standing for ten years, 75 years of age.

MEMBERSHIP SERVICES: Annual convention and building products exhibit; SPEC-DATA product information, technical documents, statistical membership information to chapters.

MEETINGS: Annual (Summer).

PROFESSIONAL ACTIVITIES: *Research:* Construction communications research information and management; transitional research on construction communications; research of future curricula of educational institutions relative to the science of construction. *Educational:* Analysis of correspondence course development for Institute members; investigation of educational program development with construction industry and related organizations; analysis and development of guide educational programs to be presented to the individual chapters for development into chapter programs/seminars; establishment of liaison with educational institutions involved in architectural, engineering and construction technology. *Prizes and Awards:* Fellowship; Honorary; Certificate of Appreciation; Organizational Certificate of Appreciation; Citation, to individual or organization for single outstanding accomplishment in the form of specification writing; Cooperation Award, to a trade association, trade union, contractor association or professional association for exceptional liaison work with the Institute; Ben John Small Award, to a Professional member attaining special proficiency in specification writing; J. Norman Hunter Memorial Award, to a member, committee or chapter attaining special advancement in education or establishment of educational facilities in specification writing; Chapter Technical Excellence Award, to a chapter for significant achievement toward technical activity; Chapter Publications Award, to chapters for excellence in newsletters, technical publications; President's Plaque, to individuals for outstanding and exceptional work performed in behalf of the Institute.

PUBLICATIONS: *Construction Specifier*, monthly, current volume: 24, \$23, \$15 (nonprofit organizations). Roger A. Rensberger. *CSI Newsletter*, monthly, current volume: 6, for members only. Editor: E. M. Dutchar.

COOPER ORNITHOLOGICAL CLUB. See COOPER ORNITHOLOGICAL SOCIETY.

282 COOPER ORNITHOLOGICAL SOCIETY. *Address communications to:* L. Richard Mewaldt, President, Department of Biological Sciences, San Jose State College, San Jose, Calif. 95415. President: L. Richard Mewaldt. Term expires April 1971. Secretary: William H. Behle. Term expires April 1971. Treasurer: Jane R. Durham. Term expires April 1971.

HISTORY AND ORGANIZATION: Founded in San Jose, California on June 22, 1893 as the Cooper Ornithological Club. Named in honor of Dr. J. G. Cooper, an early California student of birds. Incorporated December 6, 1934. Name changed in 1967 to Cooper Ornithological Society. *Geographic Divisions:* Two in California (Northern and Southern). *Scientific and Technical Committees:* Council.

PURPOSE: To (1) observe and study birds; (2) spread interest in bird study; (3) be dedicated to the conservation of birds and wildlife in general; (4) publish ornithological knowledge.

MEMBERSHIP: Regular (1,350), election by a division; Honorary

(20), designation by Council.

MEMBERSHIP SERVICES: Information on birds and conservation matters; vehicle to express concern on issues.

MEETINGS: Annual (usually April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* A. Brazier Howell Award, annual, \$150 to student presenting best paper at annual meeting; Frances Roberts Award, annual, \$100 to student presenting second best paper at annual meeting; Harry R. Panton Award, biennial, for the paper of greatest merit and significance published in *The Condor* in the preceding four years.

PUBLICATIONS: *The Condor*, quarterly, current volume: 73 \$10/vol. Editor: Ralph J. Raitt. *Pacific Coast Avifauna*, irregular, last volume: 34. Editor: Tom J. Cade.

283 COUNCIL OF BIOLOGY EDITORS, INC. *Address communications to:* Karl F. Heumann, Secretary, 9650 Rockville Pike, Bethesda, Md. 20014. (301) 791-6000. Chairman: Franz J. Ingelfinger. Secretary: Karl F. Heumann. Term indefinite. Treasurer: C. W. Hart.

HISTORY AND ORGANIZATION: Founded 1957. Incorporated 1965 in the District of Columbia. *Scientific and Technical Committees:* Form and Style; Editorial Policy; Journal Economics; Graduate Training in Scientific Writing. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To foster improved communication in the biological sciences by providing efficient means for cooperation among editors and promoting effective publication of continuing publications, including journals, reviews, monograph series, abstract journals and services, indexes, microcards and similar media.

MEMBERSHIP: Member (285), individuals holding or having held a principal official responsibility for the editorial management of continuing publications in the field of biological science (agriculture, medicine and pure biology).

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Award for Excellence in Scientific Communication, annual.

PUBLICATIONS: *CBE Newsletter*, irregular. Editor: Karl F. Heumann.

284 COUNCIL OF COMMUNICATION SOCIETIES. *Address communications to:* Vernon M. Root, President, P.O. Box 1074, Silver Spring, Md. 20910. (301) 652-2332. President: Vernon M. Root. Term expires December 1971. President-Elect: Charles G. Roland. Secretary-Treasurer: Gifford Blyton. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded December 29, 1969 in New York City. Incorporated 1971 in the District of Columbia. *Relationship with Other Societies:* The Council is a federative organization formed by the following autonomous members: American Business Communication Association; American Forensic Association; American Medical Writers Association; Industrial Communication Council; International Communication Association; Society for Technical Communication; Society of Federal Linguists; Speech Communication Association.

PURPOSE: To (1) promote basic research into the principles and techniques of communication; (2) promote the development of courses and curricula in the field of communication at institutions of higher education; (3) promote public understanding of the importance of communication in human affairs; (4) promote the closer cooperation, collaboration, and mutual

support of the independent professional societies interested in various phases of communication.

MEMBERSHIP: Member (8), nonprofit, professional, membership societies whose primary interest is in the field of communication.

PROFESSIONAL ACTIVITIES: *Research:* Survey of both professional associations and academic centers in the communication field both in the U.S. and throughout the free world; survey of the available career leaflets in various aspects of communication.

PUBLICATIONS: *Directory of Communication Organizations*, irregular, \$2 per copy (individuals), \$7.50 per copy (organizations). Editor: V. M. Root. *Communications Calendar*, annual, \$0.25. Editor: V. M. Root.

285 COUNCIL ON MEDICAL TELEVISION. Box 3163, Duke University Medical Center, Durham, N.C. 27706. (919) 684-2233. Chairman: James H. R. Sutherland. Term expires April 1971. Chairman-Elect: J. Norrie Swanson. Secretary: Sam A. Agnello. Treasurer: Melvin C. Shaffer.

HISTORY AND ORGANIZATION: Organized in 1959 as a part of the Institute for Advancement of Medical Communication. In 1964 incorporated under its own charter in North Carolina. *Specialty Divisions:* Medical Schools and Hospitals; Dental Schools; Nursing, Broadcasting and Production; Professional Agencies; Industry; Government and Military; Corollary. *Scientific and Technical Committees:* Publications, Continuing Education; Exhibits and Equipment Standards.

PURPOSE: To (1) act as a clearinghouse for information relative to health science communication; (2) gather and disseminate data on experience of those facilities conducting educational programs in the health sciences; (3) serve as a mechanism whereby the various resources of organizations concerned with continuing health science education can be brought to focus for an effective attack on important problems.

MEMBERSHIP: Individual (737), all health science related persons who are interested in the use of the new media (particularly television); Sustaining (10).

MEMBERSHIP SERVICES: Employment exchange services; information directory services.

MEETINGS: Annual (April or May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Raster Award, to person who has made significant contribution in the field of medical communications.

PUBLICATIONS: *Health Sciences TV Bulletin*, quarterly, current volume: 8, \$7. Editor: Sam A. Agnello.

286 CROP SCIENCE SOCIETY OF AMERICA, INC. 677 South Segoe Road, Madison, Wis. 53711. (608) 274-1212. President: C. H. Hanson. Term expires August 1971. President-Elect: J. F. Carter. Executive Vice President: Matthias Stelly.

HISTORY AND ORGANIZATION: Founded 1954. Incorporated 1963 in Wisconsin. *Specialty Divisions:* Crop Breeding, Genetics and Cytology; Crop Physiology and Metabolism; Crop Ecology, Production and Management; Seed Production; Turfgrass Management; Crop Quality and Utilization. *Scientific and Technical Committees:* Crop Science Teaching Improvement; Crop Terminology; Publication and Retrieval of Information; Abstracting of Agronomic Literature; Quality of Environment; Preservation of Genetic Stocks; Variety Registration; International Agronomy. *Relationship with Other Societies:* Shares executive officer, staff and headquarters facilities with the American Society of Agronomy and the Soil Science Society of America.

PURPOSE: To promote the public welfare by advancing research, extension and teaching of all basic and applied phases of the crop sciences and by cooperating with all other organizations and societies similarly interested in the improvement, culture, management and utilization of field crops.

MEMBERSHIP: Active (2,367), interested in the objectives of the Society; Graduate Student (314), graduate and undergraduate students; Emeritus (3); Active member for 25 years and retired.

MEMBERSHIP SERVICES: Placement service; career information.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Developing visual aids for teaching purposes. *Prizes and Awards:* Crop Science Award, annual.

PUBLICATIONS: *Crop Science*, bimonthly, current volume: 11, \$22. Editor: J. W. Dudley. *Journal of Environmental Quality*, quarterly, \$7. Editor: A. A. Hanson.

287 CRYOGENIC SOCIETY OF AMERICA, INC. Box 1147, Huntington Beach, Calif. 92647. (714) 847-4011. Board Chairman: Robert H. Carr. Term indefinite. President: Robert W. Vance. Term expires December 1971. President-Elect: Leo Garwin. Executive Secretary: David B. Carse. Term indefinite.

HISTORY AND ORGANIZATION: Founded and incorporated September 1964 in Los Angeles, California. *Relationship with Other Societies:* Member of the Division of Engineering of the National Academy of Science, International Institute of Refrigeration and the Compressed Gas Association; supporter of Cryogenic Engineering Conference Chapters in Southern California, Northern California, the Midwest and Houston.

PURPOSE: To serve those interested in all phases of the art, science, engineering and applications of low temperatures.

MEMBERSHIP: Individual; Sustaining.

MEETINGS: Annual Cryogenic Technology Conference and Exposition.

PUBLICATIONS: *Cryogenic Technology*, bimonthly, \$12 (domestic), \$25 (foreign). Editor: Carol Summer.

CRYSTALLOGRAPHIC SOCIETY OF AMERICA. See AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, INC.

DAKOTA MEDICAL SOCIETY. See SOUTH DAKOTA STATE MEDICAL ASSOCIATION.

288 DELAWARE PHARMACEUTICAL SOCIETY, INC. 2720 Washington Street, Wilmington, Del. 19802. (302) 762-6019. President: Aaron M. Lauter. Term expires June 1971. President-Elect: Eugene Nelson. Executive Director: Kathleen A. McGee. Term indefinite.

HISTORY AND ORGANIZATION: Founded May 12, 1887 in Wilmington, Delaware. Incorporated March 29, 1890. *Scientific and Technical Committees:* Professional Relations; Employer-Employee Relations; Drug Abuse Education; Legislative; Formulary. *Relationship with Other Societies:* Joint membership affiliation with the American Pharmaceutical Association.

PURPOSE: To further the profession of pharmacy in the State of Delaware for the public good.

MEMBERSHIP: Active (125), registered pharmacist in Delaware; Honorary (10), awarded to prominent people in related fields or outside of state.

MEMBERSHIP SERVICES: Blood bank group; educational information; employment information.

MEETINGS: Annual (June); monthly.

PROFESSIONAL ACTIVITIES: *Research*: Office of Economic Opportunity Neighborhood Health Center; group practice of pharmacy; state formulary for Delaware. *Prizes and Awards*: Bowl of Hygieia, annual, to outstanding pharmacist for civic activity; Harry C. Zeisig Award, annual, to outstanding pharmacist.

PUBLICATIONS: *Delaware Pharmacist*, monthly, current volume: 4. Editor: Kathleen A. McGee.

DENTAL FACULTIES' ASSOCIATION OF AMERICAN UNIVERSITIES. See AMERICAN ASSOCIATION OF DENTAL SCHOOLS.

DENVER PSYCHOLOGIST'S CLUB. See COLORADO PSYCHOLOGICAL ASSOCIATION.

EASTERN ASSOCIATION FOR COMPUTING MACHINERY. See ASSOCIATION FOR COMPUTING MACHINERY, INC.

289 THE ECOLOGICAL SOCIETY OF AMERICA. *Address communications to*: William A. Niering, Secretary, Connecticut College, Box 1511, New London, Conn. 06320. President: F. H. Bormann. President-Elect: S. I. Auerbach. Secretary: W. A. Niering. Treasurer: S. D. Gerking.

HISTORY AND ORGANIZATION: Established in 1915. *Scientific and Technical Committees*: Historical Records; Publications; Applied Ecology; Ecological Life Histories; Microenvironment; Effects of Radioactivity on Natural Populations; Human Ecology. *Relationship with Other Societies*: Member society in the American Institute of Biological Sciences; represented on the Council of the American Association for the Advancement of Science and on the National Research Council.

PURPOSE: To (1) promote the scientific study of organisms in relation to their environment, both as individuals and as members of populations and communities; (2) facilitate an exchange of ideas among those interested in ecology.

MEMBERSHIP: Persons and organizations interested in ecology and the promotion of ecological research, upon recommendation by two members and election by the Council.

MEETINGS: Annual.

PUBLICATIONS: *Ecology*, six issues per year. *Ecological Monographs*, quarterly.

290 THE ECONOMETRIC SOCIETY. Box 1264, Yale Station, New Haven, Conn. 06520. (203) 436-8663. President: Gerard Debreu. Term expires December 1971. President-Elect: W. M. Gorman. Secretary-Treasurer: Charlotte K. Stiglitz. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded 1930. *Geographic Divisions*: Five. *Relationship with Other Societies*: Holds joint meetings with the Allied Social Science Associations; associated 1932-1956 with the Cowles Commission for Research in Economics.

PURPOSE: To (1) function as an international society for the advancement of economic theory in its relation to statistics and mathematics, acting as a scientific organization without political, social, financial or nationalistic bias; (2) promote studies that aim at a unification of the theoretical-quantitative and the empirical-quantitative approach to economic problems and that are penetrated by constructive and rigorous thinking similar to that which has come to dominate in the natural sciences.

MEMBERSHIP: Member (3,250), individuals interested in aims of

the Society; Student (450), currently enrolled student; Fellow (176), election by other Fellows of the Society; Institutional (4), institution interested in aims of society; Subscriber (3,350), library that wishes to receive journal.

MEETINGS: World Congress (every five years in September); annual European meeting (September); annual American meeting (December); annual Far Eastern meeting (June).

PROFESSIONAL ACTIVITIES: *Research*: Collections of reprinted articles from *Econometrica* in particular subject areas.

PUBLICATIONS: *Econometrica*, bimonthly, current volume: 39, 518 (members), 526 (subscribers). Editor: Franklin M. Fisher.

291 THE ELECTROCHEMICAL SOCIETY, INC. P.O. Box 2071, Princeton, N.J. 08540. (609) 924-1902. President: Cecil V. King. Term expires May 1972. Secretary: Dennis R. Turner. Term expires May 1974. Treasurer: R. Homer Cherry. Term expires May 1973. Executive Secretary: Ernest G. Enck. Term indefinite.

HISTORY AND ORGANIZATION: Formed April 3, 1902 in Philadelphia, Pennsylvania as the American Electrochemical Society. In 1930 name changed to present title. Incorporated same year in New York State. *Geographic Divisions*: Eighteen sections. *Specialty Divisions*: Battery; Corrosion; Dielectrics and Insulation; Electrodeposition; Electronics; Electro-Organic; Electrothermics and Metallurgy; Industrial Electrolytic; Theoretical Electrochemistry.

PURPOSE: To advance the theory and practice of electrochemistry, electrometallurgy, electrothermics and allied subjects by holding meetings for reading and discussing professional and scientific papers on these subjects, by publishing such papers, discussions and communications as may seem expedient, and by cooperating with chemical, electrical and other scientific and technical societies.

MEMBERSHIP: Active (3,671), interest in electrochemistry or allied subjects, Bachelor's or Engineering degree with a major interest in the natural sciences, three or more years of postgraduate experience; Associate (27), Bachelor's or Engineering degree with major interest in natural science, lacks the requirement of three years' experience or has exceeded the age of 28, Student (133), age 18, undergraduate or graduate student registered for a degree in natural science or engineering; Emeritus (98), active member for 25 years, age 65; Honorary (11), to individuals for valuable contributions to electrochemistry; Patron (6); Sustaining (110).

MEMBERSHIP SERVICES: Employment service.

MEETINGS: Semiannual (May and October).

PROFESSIONAL ACTIVITIES: *Educational*: Edward Weston Fellowship, Colin Garfield Fink Fellowship and Joseph W. Richards Fellowship, \$1,000 each; F. M. Becket Memorial Award, funded by the Electrometallurgical Company, \$1,500 scholarship in the field of electrochemistry. *Prizes and Awards*: Edward Goodrich Acheson Gold Medal and Prize, \$1,000, biennial, distinguished contribution to the advancement of any of the objects, purposes or activities of the Society; Palladium Medal, outstanding accomplishments in the field of corrosion of metals and its control; Young Author's Prize, \$150 each, best two papers printed in the yearly volume of the Society's journal; Perkin Medal, biennial, award of the Society of Chemical Industry, candidate recommended by the Electrochemical Society; Battery Division Award, high quality papers on electrochemical cells or batteries published in the Society's journal; William Blum Award of the National Capital Section, \$100, annual, outstanding contributions to electrochemistry; Certificate of Appreciation to Past Presidents.

PUBLICATIONS: *Journal of the Electrochemical Society*, monthly, current volume: 118, \$40. Editor: Norman Hackerman.

ELECTRON MICROSCOPE SOCIETY OF AMERICA. See ELECTRON MICROSCOPY SOCIETY OF AMERICA.

292 ELECTRON MICROSCOPY SOCIETY OF AMERICA. Olin Hall, Cornell University, Ithaca, N.Y. 14850. (607) 256-5268. President: Robert M. Fisher. Term expires December 1971. President-Elect: Daniel C. Pease. Council Secretary: Victor A. Phillips. Term expires December 1972. Treasurer: Joseph H. Miller. Term expires December 1971. Executive Secretary: George G. Cocks.

HISTORY AND ORGANIZATION: Founded in 1942 as the Electron Microscope Society of America. Name was later changed to Electron Microscopy Society of America (EMSA). Incorporated 1942 in Delaware. *Scientific and Technical Committees:* Education; Radiation Safety. *Relationship with Other Societies:* Affiliate of the American Institute of Physics and the American Association for the Advancement of Science. Eighteen local societies are affiliated with EMSA.

PURPOSE: To (1) increase and diffuse the knowledge of electron microscopy and related instruments and results obtained through their use in whatever fields they may be found to be applicable; (2) sponsor an annual meeting at which technical papers and exhibits are presented and special symposia are organized to present reviews of many topics.

MEMBERSHIP: Member (2,000), interest in microscopy, one member as sponsor; Student (10), interest in microscopy, one member as sponsor; Sustaining (2).

MEMBERSHIP SERVICES: Statistical information on job opportunities; list of courses in microscopy.

MEETINGS: Annual (August, September or October).

PROFESSIONAL ACTIVITIES: *Research:* Survey on the safety of electron microscopes. *Educational:* EMSA Presidential Scholarships, up to 20 annually, to promote student interest and participation in scientific presentations at the annual meeting; educational films; traveling exhibits of electron micrographs. *Prizes and Awards:* Certificates, annual, best electron exhibit in the physical and biological areas. Also honorable mention in each class.

PUBLICATIONS: *Proceedings Electron Microscopy Society of America Annual Meeting*, annual, \$12.50. Editor: Claude Arceneau.

ENGINEERING COLLEGE RESEARCH ASSOCIATION. See AMERICAN SOCIETY FOR ENGINEERING EDUCATION.

293 ENGINEERING FOUNDATION. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. Chairman: Charles L. Tutt, Jr. Secretary: John A. Zecca.

HISTORY AND ORGANIZATION: Established in 1914 in New York City as a department of United Engineering Trustees. *Scientific and Technical Committees:* Research.

PURPOSE: To further research in science and engineering and advance in any other manner the profession of engineering and the good of mankind.

MEMBERSHIP: Board of 19 members, representing the five major national engineering societies—American Society of Civil Engineers; American Institute of Mining, Metallurgical and Petroleum Engineers; American Society of Mechanical Engineers; Institute of Electrical and Electronics Engineers; American Institute of Chemical Engineers.

MEETINGS: Semiannual (May and October).

PROFESSIONAL ACTIVITIES: *Research:* Research related to fatigue in fiber-reinforced composite materials; fundamental combustion study for the disposal of industrial and municipal wastes by incineration; updating transportation planning surveys; equipment selection and evaluation for vertical transportation systems in construction; development of a formal approach to full utilization of the engineer's capability in resolution of health problems; study of non-ferrous reaction rates and mechanisms with the hot filament microscope. *Educational:* Research conferences.

294 ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: M. R. Lohmann. Term expires September 1971. Secretary: Sydney B. Ingram. Term expires September 1971. Treasurer: John A. Zecca. Term expires September 1971.

HISTORY AND ORGANIZATION: Founded October 3, 1932. Incorporated March 5, 1963 in New York State. *Scientific and Technical Committees:* Engineering Education and Accreditation; Engineering Technology; Engineering Education and Accreditation—Engineering Technology Coordination; Guidance; Student Development; Development of Young Engineers; Ethics. *Relationship with Other Societies:* Participating Bodies—American Institute of Aeronautics and Astronautics; American Institute of Chemical Engineers; American Institute of Industrial Engineers; American Institute of Mining, Metallurgical and Petroleum Engineers; American Nuclear Society; American Society of Agricultural Engineers; American Society of Civil Engineers; American Society for Engineering Education; American Society of Mechanical Engineers; Institute of Electrical and Electronics Engineers; National Council of Engineering Examiners; Society of Automotive Engineers. Affiliates—Engineering Institute of Canada; National Institute of Ceramic Engineers; National Society of Professional Engineers.

PURPOSE: To (1) promote the public welfare through the development of the better educated engineer and engineering technician; (2) carry out a program of guidance for precollege students; (3) formulate high educational standards for colleges in the field of engineering and engineering technology through its accrediting procedures; (4) identify for the public the institutions and specific programs that meet minimum criteria; (5) stimulate improvement in engineering education in the U.S.; (6) develop and administer plans which assist engineers as they enter engineering practice; (7) encourage programs by which those in practice will maintain a high level of technical competence.

MEMBERSHIP: Participating Body (12); Affiliate (3).

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Engineering and engineering technology workshops.

PUBLICATIONS: *Annual Report*, annual, current volume: 38, \$3.

295 ENGINEERS JOINT COUNCIL, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: Robert J. Raudebaugh. Term expires January 1972. Executive Director: Carl Frey. Term indefinite.

HISTORY AND ORGANIZATION: Created in 1941. Changed to its present organizational structure in 1967. *Scientific and Technical Committees:* Engineering Manpower; Government Liaison; International Relations; National Engineers Register. *Relationship with Other Societies:* Member Societies—

American Society of Civil Engineers; American Institute of Mining, Metallurgical and Petroleum Engineers; American Society of Mechanical Engineers; American Society for Engineering Education; Society of Naval Architects and Marine Engineers; American Society for Testing and Materials; American Society of Agricultural Engineers; American Institute of Consulting Engineers; American Society for Metals; Society for Experimental Stress Analysis; Instrument Society of America; American Institute of Industrial Engineers; Society of Fire Protection Engineers; American Institute of Plant Engineers; American Association of Cost Engineers; Society of American Military Engineers; American Society for Quality Control; Society of Manufacturing Engineers. Associate Societies — Air Pollution Control Association; National Institute of Ceramic Engineers; American Society for Non-Destructive Testing; Society of Packaging and Handling Engineers; International Material Management Society; Society of Women Engineers; Society for the History of Technology; Western Society of Engineers; Michigan Engineering Society; Louisiana Engineering Society; North Carolina Society of Engineers; Washington Society of Engineers; Engineering Societies of New England; South Carolina Society of Engineers; Los Angeles Council of Engineers and Scientists; Hartford Engineers Club; International Materials Management Society (New Jersey Chapter); Cleveland Engineering Society.

PURPOSE: To (1) advance the art and science of engineering; (2) strengthen the engineering community; (3) advance the general welfare of mankind.

MEMBERSHIP: Full Member (18), national societies conducting nationwide operations in the U.S., a majority of whose individual members are engineering, natural science or mathematics graduates of colleges and universities of recognized standing or are licensed professionals; Associate (18), any society or federation of societies which would contribute to the advancement of the Council.

MEMBERSHIP SERVICES: Job placement service (GRAD); discount on publications; advice and coordination; organization of forums; identification of needs for service in the engineering community; recommendations of programs of study and research to institutions and societies; joint representation and activity in various areas.

MEETINGS: Vary throughout the year.

PROFESSIONAL ACTIVITIES: *Research:* National Engineers Commission on Air Resources; engineering supply and demand; engineering salaries.

296 THE ENTOMOLOGICAL SOCIETY OF AMERICA. 4603 Calvert Road, College Park, Md. 20740. (301) 864-1334. President: R. H. Nelson. Term expires December 1971. President-Elect: William G. Eden. Executive Secretary: Wallace P. Murdoch.

HISTORY AND ORGANIZATION: Formed in 1953 by the consolidation of the American Association of Economic Entomologists (1889-1952) and the former Entomological Society of America (1906-1952). The present Society was incorporated under the laws of the District of Columbia in 1954. *Geographic Divisions:* Five. *Specialty Divisions:* Systematics, Morphology and Evolution; Physiology, Biochemistry and Toxicology; Ecology, Behavior and Bionomics; Medical and Veterinary Entomology; Extension and Regulatory Entomology; Crop Protection Entomology. *Scientific and Technical Committees:* Common Names of Insects; Insecticide Terminology; Insecticide Reference Standards; Insect Surveys and Losses; Professional Training, Standards and Status.

Relationship with Other Societies: Adherent of the American Institute of Biological Sciences; affiliate of the American Association for the Advancement of Science. Affiliate Entomological Societies are located in Connecticut, Florida, Georgia, Hawaii, Kansas, North Carolina, South Carolina and Washington State.

PURPOSE: To (1) promote the science of entomology in all its branches; (2) assure cooperation in all measures tending to that end; (3) publish entomological journals.

MEMBERSHIP: Active (5,410), engaged in work in entomology or allied fields, having suitable training or interest in entomology; Honorary (27), 60 years of age, distinction in the field of entomology, faithful participation in affairs of the Society for at least 20 years; Student (797), studying entomology in recognized college.

MEMBERSHIP SERVICES: Professional certification; placement service.

MEETINGS: Annual (week after Thanksgiving).

PROFESSIONAL ACTIVITIES: *Research:* Feasibility study of a system-designed entomological data center; translation of Russian entomological quarterly. *Prizes and Awards:* Snodgrass Memorial Award, annual, grant-in-aid of research, \$200, to an entomology student; Gast Memorial Award, annual, \$200, best paper presented by Southeastern Branch student; Entomology Research Institute Graduate Student Award, annual, \$100 plus all expenses paid to annual meeting of the Society, one student from each branch of the Society; Geigy Recognition Award, annual, outstanding contributions to agriculture, eight-day all expenses paid trip to Europe to visit agriculture research facilities and commercial farming operations, plaque; Bussart Memorial Award, annual, \$1,000 and inscribed plaque, outstanding research in economic entomology in North America and U.S. possessions.

PUBLICATIONS: *Annals of the Entomological Society of America*, bimonthly, current volume: 64, \$23. Editor: Ralph W. Bunn. *Journal of Economic Entomology*, bimonthly, current volume: 64, \$23. Editor: Ralph W. Bunn. *Bulletin of the Entomological Society of America*, quarterly, current volume: 17, \$6. Editor: Wallace P. Murdoch. Miscellaneous publications of the Entomological Society of America, irregular, current volume: 7. Editor: Ralph W. Bunn.

ENTOMOLOGICAL SOCIETY OF PHILADELPHIA. See AMERICAN ENTOMOLOGICAL SOCIETY.

297 THE EXPLORERS CLUB. 46 East 70th Street, New York, N.Y. 10021. (212) 628-8383. President: Walter A. Wood. Term expires April 1971. Secretary: Frederick T. Voorhes. Term expires April 1971. Treasurer: Gordon Phelps. Executive Director: Peter H. Wood.

HISTORY AND ORGANIZATION: Founded in 1904. Incorporated in 1905 in New York. Merged with the Arctic Club in 1913. *Geographic Divisions:* Five regional groups. *Scientific and Technical Committees:* Environment; Exploration Fund, Map. Library; Science Advisory. *Relationship with Other Societies:* World Center for Exploration serves as expedition information division. Explorers Research Corporation is a research affiliate.

PURPOSE: To (1) bring together explorers and field scientists around the world; (2) encourage scientific research by maintaining a meeting place and a forum for the presentation of results; (3) support expeditions.

MEMBERSHIP: Fellow (1,073), actual field expedition and publication of results in scholarly journal; Member (457), interest

in and support of exploration; Life, Honorary, Corresponding, Medalists, Patrons of Exploration, Emeritus (183), special status of a Fellow or Member.

MEMBERSHIP SERVICES: Library reference service; rare book and map collection; meeting and study rooms; assistance in planning expeditions; International Information Service of the World Center for Exploration.

MEETING: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Youth Seminar Program, a weekly series of lectures for high school students; awards to students who demonstrate interest and accomplishment in a scientific discipline; student participation on field expeditions; grants-in-aid to graduate students and young scientists. *Prizes and Awards:* The Explorer Medal (only 20 living persons may hold this medal at any one time), irregular, outstanding participation in exploration; Edward Cleveland Sweeney Medal, irregular, unusual contribution to exploration with emphasis on honor this contribution has brought to The Explorers Club; Honorary Membership, irregular, distinguished service to exploration in field sciences and/or importance of contributions to The Explorers Club; Citations of Merit, irregular, service to exploration in the field sciences or distinguished scientific service to The Explorers Club.

PUBLICATIONS: *Explorers Journal*, quarterly, current volume: 49, \$6. Editor: Elliott Roberts. *The Explorers Club News*, five issues per year, current volume: 6, members only. Editor: Mabel H. Ward. *Expeditions and Field Projects*, annual, \$2.50. Editor: Mabel H. Ward.

298 FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-3200. President: Stanford Moore. Term expires June 1971. President-Elect: Lauren A. Woods. Secretary and Executive Director: To be appointed. Term indefinite. Treasurer: James A. Bain. Term expires June 1972.

HISTORY AND ORGANIZATION: In 1912 the American Physiological Society, the American Society of Biological Chemists and the American Society of Pharmacology and Experimental Therapeutics formed the Federation of American Societies for Experimental Biology. In 1913 the American Society of Experimental Pathology joined the Federation; in 1940 the American Institute of Nutrition; and in 1942 the American Association of Immunologists. These six societies presently comprise the Federation. Headquarters of each is also at 9650 Rockville Pike, Bethesda, Md. 20014. Incorporated 1954 in the District of Columbia. *Scientific and Technical Committees:* Publications; Editorial; Public Affairs; Public Information.

PURPOSE: To (1) bring together investigators in biological and medical sciences represented by the member societies; (2) disseminate information on the results of biological research through publication and scientific meetings; (3) serve in other capacities in which the member societies can function more efficiently as a group than as individual units.

MEMBERSHIP: Member societies must be in the field of biological science.

MEMBERSHIP SERVICES: Business management services to member societies.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Task force to document the contributions of biomedical research to human welfare; review of the biomedical effects of marijuana on man in the military environment; study of individual variability in dark adaptation and night vision in man; participation in the

National Science Foundation's National Register of Scientific and Technical Personnel.

PUBLICATIONS: *Federation Proceedings*, bimonthly, current volume: 29, \$20 (U.S.), \$22 (Canada and Mexico), \$24 (foreign). Editor: Karl F. Heumann. *FASEB Newsletter*, irregular, current volume: 3. Editor: Robert H. Grant. *Directory of Members*, annual, current volume: 1970. Editor: B. M. Clement.

FEDERATION OF PAINT AND VARNISH PRODUCTION CLUBS. See FEDERATION OF SOCIETIES FOR PAINT TECHNOLOGY.

FEDERATION OF SEWAGE AND INDUSTRIAL WASTES ASSOCIATION. See WATER POLLUTION CONTROL FEDERATION.

299 FEDERATION OF SOCIETIES FOR PAINT TECHNOLOGY. 121 South Broad Street, Philadelphia, Pa. 19107. (215) 545-1506. President: S. Leonard Davidson. Term expires October 1971. President-Elect: Jean P. Teas. Treasurer: A. Gordon Rook. Term expires October 1971. Executive Secretary: Robert W. Matlack. Term indefinite.

HISTORY AND ORGANIZATION: Established June 15, 1922 as the Federation of Paint and Varnish Production Clubs. Name changed to the Federation of Societies for Paint Technology in 1959. In 1957, the Paint Research Institute was established. In 1965 the Paint Industry Education Bureau was established. *Geographic Divisions:* Twenty-five. *Scientific and Technical Committees:* Corrosion; Environmental Control; Inter-Society Color Council; Manufacturing; Practical Projects; Research Applications; Safe Practices; Specifications; Technical Advisory; Technical Information Systems.

PURPOSE: To (1) develop and provide practical, scientific and technical data, facts and standards fundamental to the development and manufacture and use of paints, varnishes, lacquers, related products, decorative coatings, pigments, printing inks and other allied and related industries; (2) promote the investigation and interchange of ideas among its members; (3) promote research and applications of the sciences in the development, manufacture and use of paints, varnishes, etc.; (4) arrange for the collection and dissemination of information pertinent to the industry served by the Federation and for the presentation, discussion and publication of papers; (5) perform a public service by the constant improvement of products and elimination of wasteful methods in manufacture.

MEMBERSHIP: Active, engaged in research, engineering, technical development, quality control or supervisory production work; Associate, interest in and association with the industries; Retired; Honorary.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* Sponsorship of Paint Research Institute, Inc.; 15 Research Fellowships at universities in the United States, Canada, and Great Britain; sponsored research in conjunction with Steel Structures Painting Council. *Educational:* Joint sponsorship of Paint Industry Education Bureau; education and training courses (high school to postgraduate) sponsored by local societies; Scholarship Fund; undergraduate scholarship programs at North Dakota State University, University of Southern Mississippi and University of North Carolina-Greensboro.

PUBLICATIONS: *Journal of Paint Technology*, monthly, current volume: 43, \$14 (domestic). Editor: Frank J. Borrelle. *Federation Yearbook*, annual, \$5. Editor: Frank J. Borrelle.

FEDERATION OF SPECTROSCOPIC SOCIETIES. See SOCIETY FOR APPLIED SPECTROSCOPY.

300 FLORIDA ACADEMY OF SCIENCES, INC. *Address communications to:* Robert W. Long, Secretary, Department of Biology, University of South Florida, Tampa, Fla. 33620. (813) 935-6504. President: Taylor Alexander. Term expires March 1971. Secretary: Robert W. Long. Treasurer: Morton Miller.

HISTORY AND ORGANIZATION: Founded in Gainesville, Florida February 6, 1935. Incorporated 1963 in Florida. *Specialty Divisions:* Biological Sciences; Physical Sciences; Social Sciences; Medical Sciences; Science Teaching; Conservation. *Relationship with Other Societies:* Sponsors the Junior Academy of Science and the Collegiate Academy of Science.

PURPOSE: To (1) promote scientific research; (2) stimulate interest in the sciences; (3) encourage the diffusion of scientific knowledge; (4) sponsor good science teaching; (5) promote effective industrial and professional practice of the sciences; (6) publish a journal together with such other scientific works as may further the purposes of the corporation.

MEMBERSHIP: Patron; Life; Industrial; Institutional; Sustaining; Regular; Graduate Student; Collegiate; Junior; Emeritus. Open to any person or organization interested in the purposes of the corporation.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Florida Academy of Science Medal, annual, to outstanding scientist in Florida.

PUBLICATIONS: *Quarterly Journal of the Florida Academy of Sciences*, quarterly. Editor: Pierce Bradkorb.

301 THE FLORIDA ENTOMOLOGICAL SOCIETY, INC. Doyle Conner Building, P.O. Box 1269, Gainesville, Fla. 32601. (904) 372-3505. President: Louis C. Kuitert. Term expires September 1971. President-Elect: William B. Gresham, Jr. Secretary: Frank W. Mead. Term indefinite. Treasurer and Business Manager: John R. Strayer. Term expires September 1971.

HISTORY AND ORGANIZATION: Formed January 5, 1916 at the University of Florida. Incorporated 1965. *Geographic Divisions:* One. *Relationship with Other Societies:* Affiliated with the Entomological Society of America and the Southeastern Branch of the Entomological Society of America.

PURPOSE: To (1) promote entomology as a science and as a profession; (2) encourage research relative to insects and related arthropods in Florida; (3) distribute and publicize knowledge pertaining to insects; (4) publish the *Florida Entomologist*.

MEMBERSHIP: Student (20), enrolled in high school, undergraduate or graduate school, interest in entomology; Active (380), entomological training and/or sincere interest in entomology; Emeritus (0), active member in good standing, retired from employment; Honorary (9), distinguished service in Florida entomology, active in entomology for 20 years.

MEETINGS: Annual (September).

PROFESSIONAL ACTIVITIES: *Educational:* Provides visual aids in the form of exhibits and slides for use with school groups, civic clubs, etc. *Prizes and Awards:* Honorary Membership; Certificate of Appreciation, to entomologists for outstanding contributions to science and the public.

PUBLICATIONS: *The Florida Entomologist*, quarterly, current volume: 54, \$7.50 (nonmembers). Editor: S. H. Kerr.

302 FLORIDA MEDICAL ASSOCIATION. 735 Riverside Avenue, Jacksonville, Fla. 32203. (904) 356-1571. President: James T. Cook. President-Elect: Floyd K. Hurt. Secretary-Treasurer: James W. Walker. Executive Vice President: W. Harold Parham.

HISTORY AND ORGANIZATION: Incorporated 1914 in Florida. *Scientific and Technical Committees:* Allied Health Professions; Dentistry; Law; Medical Assistants; Medical Technologists; Opticians; Nursing; Pharmacy; Physical Therapy and Rehabilitation; Podiatry; Radiologic and Nuclear Medicine Technologists; Medicine and Religion; Veterinary Medicine; Hospitals and Extended Care Facilities; Computerization in Medicine; Aging; Blood; Child Health; Emergency Medical Service; Hearing; Labor; Maternal Health; Mental Health; Mental Retardation; Occupational Health; Public Health; Rural Health; Vision; Journal and Other Publications; Medical Schools; Postgraduate Education; Regional Medical Program; Research; Scientific Assemblies; Anesthesiology; Dermatology; General Practice; Internal Medicine; Neurosurgery; Obstetrics and Gynecology; Otolaryngology; Ophthalmology; Orthopedics; Pathology; Pediatrics; Plastic Surgery; Psychiatry; Radiology; Surgery; Urology. *Relationship with Other Societies.* Member of the American Medical Association.

PURPOSE: To (1) promote the science and art of medicine and the betterment of public health; (2) unite the medical profession of Florida into one compact organization and federate with similar organizations in other states and territories to form the American Medical Association to extend medical knowledge and to advance medical science; (3) elevate the standards of medical education; (4) strive for the enactment, preservation and enforcement of just medical and public health laws; (5) promote friendly relationships among physicians and guard and foster their material interests; (6) enlighten and alert the public; (7) encourage similar interests and objectives in the corporation's component medical societies.

MEMBERSHIP: Regular, Florida licensed doctors of medicine certified by component society secretaries as unrestricted members in good standing; Life, active member for 35 years or past president of the Association; Honorary, any doctor of medicine, whether or not residing in Florida, who is not engaged in the practice of medicine in Florida and who has rendered distinguished service to his profession or who has in some way been a benefactor of the Association; Associate, doctors of medicine who may or may not be licensed to practice in Florida and who are certified by the secretary of a component society and including: (a) retired members, (b) faculty members of Florida medical schools who are ineligible for active membership, (c) provisional members of component societies pending acceptance, (d) nonlicensed doctors of medicine who are legal residents of Florida who do not currently hold membership in another state medical association and whose previous membership in another state medical association was terminated in good standing and without prejudice, (e) medical interns, resident physicians and full-time staff physicians of hospitals acceptable to the Association, (f) doctors of medicine in career status in the U.S. Armed Services or Federal Government and who do not hold membership in another state medical association, (g) doctors of medicine of Florida State agencies who are ineligible for active membership, (h) doctors of medicine serving obligatory military service. Total membership 7,045.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Certificate of Merit, exceptional and outstanding service to the Association, the medical profession and the public; Certificate of Appreciation, unusual and outstanding service to the Association, the medical profession and the public; A. H. Robins Company Award, outstanding community service by a physician.

PUBLICATIONS: *Journal of the Florida Medical Association*, monthly, current volume: 58, \$7. Editor: Clyde M. Collins.

303 FLORIDA STATE HORTICULTURAL SOCIETY. *Address communications to:* Herman J. Reitz, Secretary, P.O. Box 552, Lake Alfred, Fla. 33850. (813) 372-1151. President: O. R. Minton. Term expires December 1971. Chairman of Executive Committee: Frank E. Gardner. Term expires December 1971. Secretary: Herman J. Reitz. Term expires December 1971. Treasurer: R. R. Reed. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded April 10, 1888 in Ocala, Florida. *Specialty Divisions:* Citrus; Vegetable; Ornamental; Krome Memorial; Handling and Processing. *Scientific and Technical Committees:* Budwood Registration.

PURPOSE: To advance and develop horticulture in Florida.

MEMBERSHIP: Open to persons with an interest in Florida horticulture. Annual (1,112); Sustaining (506); Life (28); Honorary (33); Libraries (32).

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Sectional Best Paper Awards, annual; Presidential Gold Medal Award, annual.

PUBLICATIONS: *Proceedings of the Florida State Horticultural Society*, annual, current volume: 83, \$6. Editor: W. L. Tait.

304 FLUID POWER SOCIETY. P. O. Box 905, Elm Grove, Wisc. 53122. (414) 258-1525. President: Donald V. Wiberg. Term expires October 1971. President-Elect: John Wheeler.

HISTORY AND ORGANIZATION: The Fluid Power Society (FPS) grew from a local Detroit organization called the Industrial Hydraulics Training Association. The Detroit group came to the attention of the National Fluid Power Association, and through discussions the concept of the Fluid Power Society was formulated. Incorporated May 9, 1960 in the State of Illinois. *Geographic Divisions:* Fifty-nine chapters within twenty-three regions. *Specialty Divisions:* Aerospace; Automation/Industry; Controls/Systems; Distribution Sciences; Education; Ground Support/Military; Machine Tool; Marine/Oceanography; Mobile Equipment. *Scientific and Technical Committees:* Standards Liaison.

PURPOSE: To further the art, science and technology of fluid power.

MEMBERSHIP: Regular (3,500), any person who subscribes to the purposes of the Society; Student (100), enrolled in a recognized school or college studying fluid power technology or related engineering, or in a related cooperative or apprentice training program; Honorary, significant contributions to the Society or in development of fluid power technology; Fellow, acknowledged professional eminence in the field; Life, retired, member for ten years; Sustaining, individual, firm or organization desiring to assist in the welfare of the Society.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Curriculum Guide Project-Fluid Power Technology: A Two Year Post High School Educational Program for Fluid Power Technicians; ICS Basic Fluid Power Course sponsored by FPS; Fluid Power Education Program concurrent with American Vocational

Association annual meeting; annual Mobile Equipment Seminar sponsored by FPS Mobile Functional Section; National Conference on Fluid Power; Fluid Logic Conference; Fluid Power Education-American Society for Engineering Education Meeting. *Prizes and Awards:* Pascal Medal, annual, to person who has done the most to further the cause of the Society; Product Design Awards, annual; President's Award to the Outstanding Chapter, annual.

PUBLICATIONS: *Hydraulics & Pneumatics*, monthly, current volume: 23, free to members. Editor: Tobl Goldofas. *Fluid Power Society Directory*, annual. Assistant Editor: Jo Gartman. *FPS News*, quarterly, current volume: 2. Editor: Tony Hehn.

305 FOREST HISTORY SOCIETY, INC. Box 1581, Santa Cruz, Calif. 95060. (408) 426-3770. President: George A. Garratt. Term expires 1974. Secretary and Executive Director: Elwood R. Maunder. Term expires 1975. Treasurer: Kramer A. Adams. Term expires 1973.

HISTORY: Incorporated in 1955 in the State of Minnesota, preceded by unincorporated enterprises which had been called the Forest Products History Foundation (1947-52) and the American Forest History Foundation (1951-55). During the lifetime of the forerunner organizations, the venture was associated with the Minnesota Historical Society in Saint Paul. Separation was made from the Minnesota Historical Society in 1955, with continuing affiliate relationships with a network of 46 of the leading university libraries and manuscript collections throughout the U.S.A. and Canada. In 1964 the Society moved to Yale University where it was associated directly with both the Sterling Memorial Library and the Yale School of Forestry. In 1969, the Society moved to Santa Cruz, California.

PURPOSE: To be dedicated to the dissemination of the history of North American forests and forest related activities.

MEMBERSHIP: Annual (800), scholarly-interest in and concern for history of forests; Five Year Pledge (118), Contributing (35); Student (5); Sustaining (20); Sponsor, Donor, Patron, etc. (10).

MEMBERSHIP SERVICES: Reference information; discount on books.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research:* Membership survey on contents of quarterly; bibliography of North American Forest History; research into history of multiple use principle as developed within the U.S. Forest Service. *Educational:* Conservation history course at University of California, Santa Cruz; occasional scholarships and fellowships (up to \$4,000/year) for M.A. and Ph.D. original research in forest and conservation history. *Prizes and Awards:* Fellows of the Society, only 26 awarded in nearly 20 years, outstanding research and writing in the field of forest and conservation history.

PUBLICATIONS: *Forest History*, quarterly, current volume: 15, \$7.50. Editor: Elwood R. Maunder.

FOREST PRODUCTS HISTORY FOUNDATION. See FOREST HISTORY SOCIETY, INC.

306 GENETICS SOCIETY OF AMERICA, INC. P.O. Drawer U, University Station, Austin, Tex. 78712. President: Robert P. Wagner. Term expires December 1971. President-Elect: Rollin B. Hotchkiss. Secretary: Margery W. Shaw. Term expires December 1973. Treasurer: David R. Stadler. Term expires December 1971. Business Manager: Helen Stikeleather.

HISTORY: Organized in 1931 in New Orleans, Louisiana as an outgrowth of the Genetics Section of the American Society of Zoologists and the Botanical Society of America. Incorporated 1962 in California.

PURPOSE: To (1) provide facilities for association and conference among students of heredity; (2) promote the communication and publication of scientific knowledge; (3) promote education and research in genetics; (4) encourage a close relationship between workers in genetics and those in the related sciences.

MEMBERSHIP: Member (2,060), anyone actively interested in any field of genetics; Student (910); Sustaining (25), organizations interested in any field of genetics; Emeritus (74).

MEETINGS: Annual (Summer).

PUBLICATIONS: *Genetics*, monthly, current volume: 67, \$7 (students), \$14 (members), \$29 (nonmembers), \$30 (foreign). Editor: Ernst W. Caspari.

307 GEOCHEMICAL SOCIETY. *Address communications to:* Ernest E. Angino, Secretary, State Geological Survey, University of Kansas, Lawrence, Kans. 66044. (913) 864-3101. President: H. D. Holland. Term expires November 1971. President-Elect: Francis R. Boyd. Secretary: Ernest E. Angino. Term expires November 1973. Treasurer: Bruce C. Hanshaw. Term expires November 1971.

HISTORY AND ORGANIZATION: Founded November 7, 1955 and incorporated April 17, 1956 in the District of Columbia. *Specialty Divisions:* Organic Geochemistry. *Scientific and Technical Committees:* Book Translation; Education; Standards.

PURPOSE: To encourage the application of chemistry to the solution of geological and cosmological problems.

MEMBERSHIP: Member (2,200), willingness to subscribe to Society purposes, interest in field and at least a B.S. in physical, biological, mathematics or engineering sciences, or three years or more activity in any of these fields.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Membership survey. *Prizes and Awards:* V. M. Geolochmidt Medal, annual, major achievements in geochemistry or cosmochemistry; F. W. Clarke Medal, annual, single outstanding contribution to geochemistry normally published within five years of completion of formal studies, independence and originality being important criteria.

PUBLICATIONS: *Geochimica et Cosmochimica Acta*, monthly, \$10. Editor: Denis M. Shaw. *Geochemical News*, irregular. Editor: Paul L. Cloke. *Organic Geochemistry Newsletter*, irregular.

308 THE GEOLOGICAL SOCIETY OF AMERICA, INC. P.O. Box 1719, Boulder, Colo. 80302. (303) 447-2020. President: Richard H. Jahns. Term expires November 1971. Treasurer: Robert E. King. Term expires November 1971. Executive Secretary: Edwin B. Eckel.

HISTORY AND ORGANIZATION: Founded 1888. Incorporated 1929 in New York State. *Geographic Divisions:* Six sections. *Specialty Divisions:* Coal Geology; Engineering Geology; Hydrogeology; Quaternary Geology and Geomorphology. *Relationship with Other Societies:* Associated society of the Geochemical Society, Mineralogical Society of America, National Association of Geology Teachers, Paleontological Society, Society of Economic Geology and the Society of Vertebrate Paleontology.

PURPOSE: To promote the science of geology by the issuance of

scholarly publications, the holding of meetings, the provision of assistance to research, and other appropriate means.

MEMBERSHIP: Member (4,718), persons engaged either in geologic work, teaching of geology or in graduate study of geology, sponsored by two Fellows in good standing; Fellow (3,146), persons engaged either in geologic work or teaching of geology who have contributed to the advancement of the science, sponsored by three Fellows in good standing. Member in good standing for at least one year; Honorary Fellow (50), persons distinguished for their attainments in geologic science in countries outside the North American continent.

MEETINGS: Annual (November); six annual section meetings (Spring).

PROFESSIONAL ACTIVITIES: *Research:* \$75,000 a year given to Ph.D. candidates to help support research projects.

PUBLICATIONS: *Geological Society of America Bulletin*, monthly, current volume: 82, \$40. Editor: Edwin B. Eckel. *Abstracts with Programs*, seven issues per year, current volume: 2. Editor: Edwin B. Eckel. *Geological Society of America Bibliography and Index of Geology*, monthly, current volume: 35, \$150. Editor: Marie Siegrist. *Bibliography and Index of Geology, Cumulative Index*, annual, current volume: 34. Editor: Marie Siegrist. *Treatise on Invertebrate Paleontology*, irregular. Editor: Raymond C. Moore. *Proceedings*, annual. *Yearbook Series*, annual.

309 GEORGIA ACADEMY OF SCIENCES. *Address communications to:* Edward A. Stanley, Secretary, Department of Geology, University of Georgia, Athens, Ga. 30601. (404) 548-4067. President: Marion Clark. Term expires April 1971. President-Elect: Jack T. May. Secretary: Edward A. Stanley. Term expires April 1973. Treasurer: Howard Cramer. Term expires April 1972.

HISTORY AND ORGANIZATION: Founded February 14, 1922 at the University of Georgia. Incorporated April 16, 1953 in Georgia. *Specialty Divisions:* Biology; Chemistry; Earth Science; Physics, Mathematics, and Engineering; Psychology and Medicine; Philosophy and History of Science; Science Education. *Relationship with Other Societies:* Affiliated with the Georgia Psychological Society, Georgia Mineralogical Society and the Georgia Geological Society.

PURPOSE: To promote the interests of science, particularly in Georgia.

MEMBERSHIP: Fellow, elected on basis of contribution to science and the Academy; Member (750), residents and non-residents of Georgia who are engaged in scientific work, or who are interested in the development of science.

MEETINGS: Annual (April).

PUBLICATIONS: *Bulletin of the Georgia Academy of Science*, 4 issues per year, current volume: 28, \$5. Editor: Branch Howe.

310 GERONTOLOGICAL SOCIETY, INC. One Dupont Circle, Suite 520, Washington, D.C. 20036. (202) 659-4698. President: Jerome Kaplan. Term expires October 1971. President-Elect: Carl Eisdorfer. Secretary: M. Powell Lawton. Treasurer: Charles H. Barrows. Term expires November 1972. Executive Director: Edwin Kaskowitz.

HISTORY AND ORGANIZATION: The Society is a direct outgrowth of the Club for Research in Ageing which was organized in 1939. Incorporated 1945 in New York State. *Specialty Divisions:* Biological Sciences; Clinical Medicine; Psychological and Social Sciences; Social Research, Planning and Practice; Member-At-Large. *Scientific and Technical Committees:* Research; Education; Public Policy;

Membership-Fellowship; Finance; Publications. *Relationship with Other Societies:* Member of the American Association for the Advancement of Science, International Association of Gerontology and the American Council on Education.

PURPOSE: To (1) promote the scientific study of aging in biological and social sciences; (2) stimulate communications between scientific disciplines, and between researchers, teachers, professionals and others; (3) broaden education in aging; (4) foster application of research in the development of public policy; (5) develop the qualifications of gerontologists by setting high standards of professional ethics, conduct, education and achievement.

MEMBERSHIP: Fellow, persons who in the immediately preceding three years have engaged in the study or practice of any aspect of gerontology or geriatrics; Member, persons interested in and sympathetic with the purposes of the Society; Student. Total membership 2,105.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* Committee on Research and Development Goals in Social Gerontology designed to review needs for research and identify priority areas in social gerontology. *Educational:* Summer institute on research and teaching in gerontology; project on continuing education in gerontology and mental health. *Prizes and Awards:* Robert W. Kleemeir Award, outstanding research contribution to the field of gerontology.

PUBLICATIONS: *Journal of Gerontology*, quarterly, current volume: 26, \$26. Editor: James E. Birren. *The Gerontologist*, quarterly, current volume: 11, \$10. Editor: Jerome Kaplan.

311 GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES. *Address communications to:* William C. Krueger, Jr., Secretary, P.O. Box 51866, New Orleans, La. 70150. (504) 529-3111. President: L. H. Meltzer. Term expires November 1971. President-Elect: Donald R. Boyd. Secretary: William C. Krueger, Jr. Term expires November 1971. Treasurer: P. G. Gray. Term expires November 1971.

HISTORY AND ORGANIZATION: Formed in 1950 as an association of Gulf Coast societies. Became a section of the American Association of Petroleum Geologists July 10, 1967. *Geographic Divisions:* Eleven. *Relationship with Other Societies:* Serves as the Gulf Coast Section of the American Association of Petroleum Geologists; includes as member societies the Alabama Geological Society, Beaumont Geological Society, Corpus Christi Geological Society, East Texas Geological Society, Houston Geological Society, Lafayette Geological Society, Mississippi Geological Society, New Orleans Geological Society, Shreveport Geological Society, Southeastern Geological Society and the South Texas Geological Society.

PURPOSE: To provide for discussion and publication of papers on subjects and problems coming within the scope of the geological profession and with particular emphasis on Gulf Coast geology.

MEMBERSHIP: Member (4,000), member of an affiliated geological society of the American Association of Petroleum Geologists.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research:* Tectonic map of the Gulf of Mexico and the Gulf Coast. *Prizes and Awards:* Best Paper Awards.

PUBLICATIONS: *Transactions of the Gulf Coast Association of Geological Societies*, annual, current volume: 20, \$11. *Bibliography of Gulf Coast Geology*, current volume: 1 & 2, \$9.50. Editor: Jules Braunstein.

HARVEY CUSHING SOCIETY. See AMERICAN ASSOCIATION OF NEUROLOGICAL SURGEONS.

312 HAWAIIAN ACADEMY OF SCIENCE. 1355 Kaluhi Street, Honolulu, Hawaii 96819. (808) 847-3511. President: Terrance A. Rogers. Term expires May 1972. Secretary: James C. Sadler. Term expires May 1971. Treasurer: Louise Lembeck. Term expires May 1971. Executive Director: Sheila Jackson.

HISTORY AND ORGANIZATION: Founded in 1925. *Relationship with Other Societies:* Affiliate of American Association for the Advancement of Science.

PURPOSE: To promote scientific research and diffusion of scientific knowledge, particularly as related to Hawaii and the Pacific area.

MEMBERSHIP: Member (approximately 1,350), interest in science.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Visiting scientists program to high schools in Hawaii, Hawaii Science Fair; Westinghouse Science Talent Search.

PUBLICATIONS: *Proceedings of the Hawaiian Academy of Science*, annual, current volume: 1966-1967.

313 THE HAWAIIAN ENTOMOLOGICAL SOCIETY. Hawaiian Sugar Planters' Association, 1527 Keeaumoku Street, Honolulu, Hawaii. 96822. President: Derrell L. Chambers. Term expires December 1971. President-Elect: William C. Look. Secretary: Franklin J. Olsen. Term expires December 1971. Treasurer: Frank H. Haramoto. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded December 15, 1904 in Honolulu, Hawaii. Became affiliated with the Entomological Society of America May 13, 1969. Incorporated 1970. *Scientific and Technical Committees:* Science Fair; Liaison; Common Names of Hawaiian Insects. *Relationship with Other Societies:* Affiliated with the Entomological Society of America.

PURPOSE: To (1) promote the study of entomology; (2) encourage friendly relations among those interested in the science; (3) publish annually the *Proceedings of the Hawaiian Entomological Society*.

MEMBERSHIP: Active (170), interest in entomology; Honorary (15), retired members in good standing who have served with distinction.

MEETINGS: Monthly.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Annual award given to best and runner-up entomological display at the science fair.

PUBLICATIONS: *Proceedings of the Hawaiian Entomological Society*, annual, current volume: 20, \$2.50. Editor: Minoru Tamashiro.

314 HEALTH PHYSICS SOCIETY. P.O. Box 156, East Weymouth, Mass. 01289. (617) 335-3648. President: Dade W. Moeller. Term expires June 1972. President-Elect: Robley D. Evans. Secretary: John H. Pingel. Term expires June 1972. Treasurer: Roger J. Cloutier. Term expires June 1973. Executive Secretary: Russell F. Cowing.

HISTORY AND ORGANIZATION: Incorporated 1969 in Tennessee. *Geographic Divisions:* Thirty. *Scientific and Technical Committees:* Education and Training; State and Federal Legislation; Standards; Health Physics Engineering. *Relationship with Other Societies:* Affiliate of the International Radiation Protection Association (IRPA).

PURPOSE: To develop scientific knowledge and a practical

means whereby man and the environment in which he lives are protected against the harmful effects of radiation, thereby facilitating in fact the exploitation of radiation and atomic energy for the benefit of all mankind.

MEMBERSHIP: Full (2,125), graduated from an accredited school of college grade or regularly engaged in one or more appropriate aspects of radiation protection; Associate (80), engaged in a field of endeavor related to health physics or an interest in the science appropriate to an Associate member; Student (72), engaged in full-time study in a field allied with one or more health physics disciplines; Corresponding (9), qualifies for full membership in the Society and member in good standing of another affiliate of IRPA; Emeritus (4), former Full member, 65 years of age, retired from active employment, Society member at least ten consecutive years.

MEMBERSHIP SERVICES: Placement Bureau.

MEETINGS: Annual (Summer); Midyear Topical Symposium (Fall).

PROFESSIONAL ACTIVITIES: Educational: Refresher courses at annual meetings; lectures in Washington, D.C. sponsored by Baltimore-Washington chapter. *Prizes and Awards:* Elda E. Anderson Award, annual, to member under 40 years of age for excellence in research or development, discovery or invention, judgment or heroism, teaching or training, devotion to health physics, or other contributions to the profession.

PUBLICATIONS: *Health Physics Journal*, monthly, current volume: 20, \$6.50 per copy. Editor: Karl Z. Morgan.

THE HEALTH SCIENCES COMMUNICATION ASSOCIATION. See COUNCIL ON MEDICAL TELEVISION.

315 HERPETOLOGISTS' LEAGUE. *Address communications to:* Hobart F. Landreth, Secretary-Treasurer, Southwestern State College, Weatherford, Okla. 73096. (405) 772-6611. President: Wilmer Tanner. Term expires 1972. President-Elect: Paul Maslin. Secretary-Treasurer: Hobart Landreth. Term indefinite.

HISTORY AND ORGANIZATION: An international organization founded in 1936. *Relationship with Other Societies:* Affiliated with American Association for the Advancement of Science.

PURPOSE: To (1) perpetuate and foster the study of the biology of amphibians and reptiles; (2) encourage esteemed research of the natural history, morphology, physiology, genetics and ecology of these animals.

MEMBERSHIP: Regular (800), interest in herpetology; Fellow (200), Regular member, elected by executive council; Institutional (800). Membership includes individuals from 38 foreign countries.

MEMBERSHIP SERVICES: Circulation of information regarding amphibians and reptiles; exchange of ideas regarding disease, specimens, etc.

MEETINGS: Annual (Winter).

PROFESSIONAL ACTIVITIES: *Research:* Tabulation and survey of membership. *Educational:* Awards to young investigators; symposia.

PUBLICATIONS: *Herpetologica*, quarterly, current volume: 27, \$8, \$10, \$15. Editor: Ronald Altig. *Herpetological Review*, bimonthly, current volume: 3, free to members. Editor: Herndon Dowling.

316 THE HISTOCHEMICAL SOCIETY, INC. *Address communications to:* Robert Rosenbaum, Secretary, Albert Einstein College of Medicine, New York, N.Y. 10461. (212)

430-2142. President: Gerard Lehrer. President-Elect: George Glenner. Secretary: Robert Rosenbaum. Treasurer: Maynard Dewey.

HISTORY AND ORGANIZATION: Founded 1950. Incorporated 1963 in New York State. *Scientific and Technical Committees:* International Committee on Histochemistry and Cytochemistry.

PURPOSE: To study the chemical, biochemical and physical characteristics of living material as these apply to both normal and abnormal conditions.

MEMBERSHIP: Full (489), requisite publications in appropriate area as stated in by-laws; Associate (25); Emeritus (5).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Workshops in methodology during annual meeting; annual symposia.

PUBLICATIONS: *Journal of Histochemistry and Cytochemistry*, bimonthly, current volume: 18, \$18 (members), \$30 (non-members). Editor: Tibor Barka.

317 THE HUMAN FACTORS SOCIETY, INC. Box 1369, Santa Monica, Calif. 90406. (213) 394-1811. President: Ross A. McFarland. Term expires October 1971. President-Elect: Wesley E. Woodson. Secretary-Treasurer: Charles O. Hopkins. Term expires October 1971. Executive Assistant: Marian G. Knowles.

HISTORY AND ORGANIZATION: Incorporated in 1957 at Tulsa, Oklahoma as the Human Factors Society of America. Name subsequently changed to present form. *Geographic Divisions:* Fifteen chapters. *Scientific and Technical Committees:* Government Liaison; Special Technical; Environmental Design Technical; International Liaison; Communication and Information; Education. *Relationship with Other Societies:* Member of the International Ergonomics Society; affiliate of the American Association for the Advancement of Science; cooperating society of the National Academy of Science-National Academy of Engineering-National Research Council, Division of Engineering.

PURPOSE: To (1) operate exclusively for charitable, educational, scientific and literary purposes; (2) promote and advance through the interchange of knowledge and methodology in the behavioral, biological and physical sciences the understanding of the human factors involved in design, manufacture and use of machines, systems and devices of all kinds.

MEMBERSHIP: Fellow (102), nominated by the Fellows Committee and awarded by the Executive Council; Member (1,219), Bachelor's degree and three years' experience in human factors or related work; Associate (141), any person interested or active in the human factors field; Student Affiliate (128), full-time student enrolled in an accredited university or college.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Survey of member's vocational specialty; review and compilation of Society films. *Educational:* Maintains a directory of graduate programs in human factors engineering. *Prizes and Awards:* Jerome H. Ely Award, annual, outstanding paper published in each volume of *Human Factors*; Distinguished Foreign Colleague Award, annual; Paul M. Fitts Award, outstanding contribution to the education and training of human factors specialists; A. R. Lauer Traffic Safety Award, outstanding contributions to the understanding of driver behavior; Alexander C. Williams, Jr. Award, outstanding human factors contributions to the design of a major, new, man-machine system; Jack A. Kraft Award, significant efforts to diversify or extend the application of

human factors considerations to new or unique areas of endeavor.

PUBLICATIONS: *Human Factors*, bimonthly, current volume: 13, \$20 (nonmembers). Editor: William B. Knowles. *Human Factors Society Bulletin*, monthly, current volume: 14, \$10 (nonmembers). Editor: John F. Harrigan. *Directory and Yearbook*, annual, current volume: 1971, \$10 (nonmembers). Editor: John H. Holly.

HUMAN FACTORS SOCIETY OF AMERICA. See THE HUMAN FACTORS SOCIETY, INC.

318 IDAHO ACADEMY OF SCIENCE. Address communications to: Edmund Tylutki, President, Department of Biological Science, University of Idaho, Moscow, Idaho 83843. (208) 882-3511. President: Edmund Tylutki. Term expires April 1971. President-Elect: Joe B. Spulnik. Secretary: Mary Ann Fisher. Term expires April 1971. Treasurer: Elmer K. Raunio. Term expires April 1971.

HISTORY AND ORGANIZATION: Founded at Boise Junior College on May 19, 1958. Constitution adopted November 1958. Incorporated March 30, 1960 in Idaho. *Scientific and Technical Committees:* Executive; Environment. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To (1) stimulate scientific education and research and the diffusion of scientific knowledge in the various departments of science; (2) promote fraternal relationship among those engaged in scientific work; (3) assist in the development and in making known the material and other resources of the State.

MEMBERSHIP: Regular, interested in scientific work; Life, honorary status to persons retired from active employment in recognition of their contributions to science; Sustaining; Junior (10), high school students of unusual ability, elected by Executive Committee; Institutional, active organizations including industries, commercial businesses, educational institutions, professional societies; Patrons.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* High School Science Research Award, annual.

PUBLICATIONS: *The Retort*, current volume: 10. *Journal of the Idaho Academy of Science*, semiannual, current volume: 7, \$2.50. *Journal of the Idaho Academy of Science (Special Research Issue)*, irregular, current volume: 1, \$2.50. Editor of Publications: Earl Larrierson.

319 IDAHO MEDICAL ASSOCIATION. 407 West Hannock Street, Boise, Idaho 83702. (208) 344-7888. President: George W. Warner. Term expires June 1972. Executive Director: Armand L. Bird. Term indefinite.

HISTORY: Organized 1893.

PURPOSE: To promote the science and art of medicine, protection of public health, and betterment of the medical profession of Idaho.

MEMBERSHIP: Limited to physicians and surgeons licensed to practice in Idaho who are members of component medical societies. Total membership 550.

MEETINGS: Annual.

PUBLICATIONS: *Northwest Medicine*, monthly, current volume: 70, \$5. Editor: H. L. Hartley.

320 ILLINOIS STATE ACADEMY OF SCIENCE. 5757 Drexel Boulevard, Chicago, Ill. 60637. President: Anthony E. Liberta.

Term expires April 1971. President-Elect: C. J. Bennett. Secretary: Kenneth H. Harmet. Term expires April 1971. Treasurer: Boris Musulin. Term expires April 1971. Executive Secretary: Nathan R. Brewer.

HISTORY AND ORGANIZATION: Founded 1907. Incorporated 1965 in Illinois. *Specialty Divisions:* Anthropology; Aquatic Science; Botany; Chemistry; Collegiate Chemistry; Conservation; Geography; Geology; Meteorology and Climatology; Microbiology; Physics; Science Teaching; Zoology. *Scientific and Technical Committees:* Animal Experimentation in Research; Accreditation and Certification; Archeological and Historical Sites; Visiting Lecturer; Conservation; Research Grants; Science Teaching. *Relationship with Other Societies:* Member of the Association of Academies of Science and the American Association for the Advancement of Science.

PURPOSE: To (1) promote scientific research; (2) diffuse scientific knowledge and scientific spirit; (3) unify scientific interests in Illinois.

MEMBERSHIP: Student; Regular; Emeritus; Life; Contributing; Organizational.

MEMBERSHIP SERVICES: Clearinghouse for local scientific interests and national contacts.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Grants-in-aid of research; studies on current problems in conservation and the teaching of science. *Educational:* Visiting Lecturer Program; Animal Experimentation in Research Essay Contest, annual; Science Talent Search, annual; awards to members of Illinois Junior Academy. *Prizes and Awards:* Frank Reed Memorial Award, annual, \$100, to a high school student.

PUBLICATIONS: *Transactions of the Illinois State Academy of Science*, quarterly, current volume: 63, \$6 (Library). Editor: Malcolm T. Jollie.

321 ILLUMINATING ENGINEERING SOCIETY. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: T. Lew Cordle. Term expires June 1971. President-Elect: J. W. Griffith. Executive Vice President: Paul C. Ringgold.

HISTORY AND ORGANIZATION: The first regular meeting of the Illuminating Engineering Society (IES) was held February 13, 1906. At that time, there were 178 charter members. Incorporated 1907 in New York State. *Geographic Divisions:* Twelve regions in U.S. and Canada; 112 sections and chapters; international members. *Scientific and Technical Committees:* Allied Arts; Education; Handbook; Nomenclature; Progress; Color; Computer; Design Practice; Emergency Lighting; Light Control and Equipment Design; Light Projection; Light Sources; Lighting and Air Conditioning; Maintenance; Quality and Quantity of Illumination; Testing Procedures; Aviation; IES-American Society of Agricultural Engineers (Joint Farm Lighting); Light Art; Public Conveyances; Technical Review Board; Roadway; Sports and Recreational Areas Lighting; Theatre-Television and Film Lighting; Underwater Lighting; Daylighting; Industrial; Institutions; Merchandising; Office; Residence; School and College. *Relationship with Other Societies:* The Illuminating Engineering Research Institute is the research arm of Illuminating Engineering Society.

PURPOSE: To (1) advance the theory and practice of illuminating engineering; (2) disseminate knowledge relating thereto.

MEMBERSHIP: Fellow (101), at least 35 years of age, in good standing as a Member for at least five years, graduate of engineering school or equivalent technical or scientific education, valuable contribution to the technical activities of the

Society, valuable contribution to the science or art of illumination; Member (3,200), graduate from four-year or longer accredited college curriculum related to the science or art of illumination, at least five years actively engaged in a professional or other responsible capacity in the practice or teaching of illumination or in other field or activities directly related thereto, or equivalent; Associate (4,600), graduate of four-year or longer accredited college curriculum related to the science or art of illumination, or at least six years actively engaged in the field; Affiliate (1,500), at least 18 years of age, interested in lighting; Student (50), registered in a college or university for study toward a degree in an engineering, science, fine arts or other related curriculum; Retired (90), retired from business, age plus years a Member to total 85, with at least 20 years of membership; Emeritus (100), retired, meritorious service, not less than 60 years of age, membership at least 30 years, 15 as Member or Fellow; Sustaining Company (550).

MEMBERSHIP SERVICES: Approved lighting standard recommendations; committee reports; testing and measurement guides; selected research reports; reprints of technical and application articles and papers; symposia, workshops, forums, seminars; lighting education courses; career information to students and counselors; articles and interviews - TV, press, magazine; interprofessional liaison projects; programs to local IES units.

MEETINGS: Annual Conference (July or August).

PROFESSIONAL ACTIVITIES: *Research:* Projects of the Illuminating Engineering Research Institute including visual performance, transient adaptation, visual comfort, disability glare and veiling reflections; evaluation of illumination requirements for visual tasks. *Educational:* Lighting Fundamentals Course; Advanced Lighting Problem Course; Average Maintained Illumination Calculations Workshop; Calculating Illumination at a Point Workshop; Residence Lighting Workshop; Allied Arts Competition. *Prizes and Awards:* Gold Medal Award, usually annual, meritorious achievement conspicuously furthering the profession, art or knowledge of illuminating engineering; Distinguished Service Award, six awards, annual, service to the Society that has significantly furthered the purpose for which the Society was founded.

PUBLICATIONS: *Lighting Design and Application*, monthly, current volume: 1, free to members, \$25 (nonmembers). Editor: Ruby Redford. *Journal of the Illuminating Engineering Society*, quarterly, current volume: 1, \$10 (members), \$20 (nonmembers). Editor: Ruby Redford. *IES Lighting Handbook*, every six to seven years, current volume: 4th Edition, \$12 (members), \$15 (nonmembers). Editor: John E. Kaufman.

322 INDIANA ACADEMY OF SCIENCE. Indiana State Library, 140 North Senate Avenue, Indianapolis, Ind. 46204. President: Samuel N. Postlethwait. Term expires December 1971. President-Elect: Otto K. Behrens. Treasurer: Damian Schmelz. Term expires December 1971. Secretary: J. Dan Webster. Term expires December 1972.

HISTORY AND ORGANIZATION: Founded December 29, 1885 in Indianapolis. Incorporated 1887 in Indiana. *Specialty Divisions:* Anthropology; Botany; Cell Biology; Chemistry; Ecology; Entomology; Geology and Geography; History of Science; Mathematics; Micro- and Molecular Biology; Physics; Psychology; Plant Taxonomy; Science Education; Soil Science; Zoology. *Scientific and Technical Committees:* Biological Survey; Preservation of Scientific Areas; Science and Society; Research Grants.

PURPOSE: To (1) promote scientific research and the diffusion of scientific information; (2) encourage communication and cooperation among scientists, especially in Indiana; (3) prepare for publication reports of investigations and discussion; (4) improve education in the sciences.

MEMBERSHIP: Individual (770); Student (50), high school, college or graduate student; Fellow (132), three years a Member, recommended by committee; Emeritus (25), 25 years a Member, retired; Life (2); High School Science Club.

MEMBERSHIP SERVICES: John Shepard Wright Memorial Library, housed at Indiana State Library, Indianapolis.

MEETINGS: Annual (Fall); Spring.

PROFESSIONAL ACTIVITIES: *Research:* Grants (approximately \$5,000 annually) to support research of members; development of a computerized description of known natural and scientifically important areas in Indiana; bibliography of publications, theses and current research on flora and fauna of Indiana. *Educational:* Junior Academy of Science; Indiana State Science Fair; Indiana Science Talent Search.

PUBLICATIONS: *Proceedings of the Indiana Academy of Science*, annual, current volume: 79, \$4. Editor: Marion T. Jackson. *Monographs of the Indiana Academy of Science*, irregular, current volume: 1, \$3 each. Editor: William R. Eberly.

323 INDIANA DENTAL ASSOCIATION. 1013 Hume Mansur Building, Indianapolis, Ind. 46204. (317) 638-1341. President: Charles T. Frissell. Term expires May 1971. President-Elect: Frank R. Longcamp. Secretary: David B. McClure. Term expires May 1971. Executive Director: Gale E. Coons.

HISTORY AND ORGANIZATION: Founded December 28, 1858 in Indianapolis, Indiana as the Indiana State Dental Association. Incorporated 1879. Present name adopted May 22, 1968. *Geographic Divisions:* Fourteen trustee districts. *Scientific and Technical Committees:* Councils on Dental Care Programs, Dental Education, Dental Health Education, Dental Laboratory Relations, Editorial Consultant, Hospital Dental Service, Legislation, Military Affairs, Relief; Committees on Dental Care Programs in State Institutions, Dental Law, Dental Specialists, Long-Range Program Planning, Necrology, Public Relations and Publicity. *Relationship with Other Societies:* Constituent society of the American Dental Association (ADA).

PURPOSE: To (1) encourage the improvement of the health of the public; (2) promote the art, science and profession of dentistry.

MEMBERSHIP: Active (1,925), a dentist legally and ethically practicing his profession in the State of Indiana, member in good standing of one of the component societies and the American Dental Association; Life, Active member for 35 years, 65 years of age; Student (161), member of the class of the School of Dentistry of Indiana University and recommended by its faculty; Honorary (5), a dentist or other person who has contributed outstandingly to the science of dentistry; Affiliate (1), an ethically practicing dentist from another state or a member of another profession of the healing arts who is a member in good standing in his respective organization; Associate (2), person ineligible for Active or Life membership who contributes to the advancement of the Association's objectives; Honorary Associate (4,505), any member in good standing of the Indiana State Medical Association.

MEMBERSHIP SERVICES: Collection system; prepayment programs; review committee mechanism.

MEETINGS: Annual (May); Mid-Winter Meeting (January);

Dental Health Conference (October).

PROFESSIONAL ACTIVITIES: *Research:* All-member survey on status of dental equipment repair service; assistance to component societies with their fee surveys. *Educational:* Student loan program; speakers and clinics on dental techniques and practice at annual session; liaison between American Dental Association and component dental societies to educate public along preventive lines during National Children's Dental Health Week. *Prizes and Awards:* Science Fair Contest, to recognize high school boys and girls for interest and achievement in dental science fair projects; Indiana Student ADA Member Award, annual, leadership ability and potential service to organized dentistry; Honor Dentist Award, annual, honors a life member.

PUBLICATIONS: *Journal of the Indiana Dental Association*, 10 issues per year, current volume: 50. Editor: Joseph C. Muhler. *Newsletter, Indiana Dental Association*, four issues per year, current volume: 11. Editor: Gale E. Coons.

324 INDIANA PSYCHOLOGICAL ASSOCIATION. *Address communications to:* Thomas B. Orr, President, 3100 Central Avenue, Building L3, Columbus, Ind. 47201. (812) 372-7877. President: Thomas B. Orr. Term expires April 1972. Secretary: Jacqueline French. Term expires April 1972. Treasurer: June Hoyt. Term expires April 1972.

HISTORY AND ORGANIZATION: Founded about 1936. Incorporated 1937. *Specialty Divisions:* School Psychology, *Scientific and Technical Committees:* Professional and Scientific Affairs. *Relationship with Other Societies:* Affiliated with the American Psychological Association.

PURPOSE: To advance psychology as a science, as a profession and as a means of public welfare.

MEMBERSHIP: Member (400), Ph.D. with major in psychology, or Master's degree in psychology plus one year of full-time psychological work.

MEETINGS: Semiannual (April and November).

PROFESSIONAL ACTIVITIES: *Educational:* Psychology portion of science fairs. *Prizes and Awards:* Ribbons and books for science fair winners, annual; Barrows Memorial Award, to an outstanding psychologist.

PUBLICATIONS: *Indiana Psychologist*, biannual, current volume: 30. Editor: Anthony Banet.

INDIANA STATE DENTAL ASSOCIATION. See INDIANA DENTAL ASSOCIATION.

INDUSTRIAL HYDRAULICS TRAINING ASSOCIATION. See FLUID POWER SOCIETY.

325 INDUSTRIAL MEDICAL ASSOCIATION. 150 North Wacker Drive, Chicago, Ill. (312) 782-2166. President: Norbert J. Roberts. Term expires April 1972. President-Elect: William Jend, Jr. Secretary: C. Craig Wright. Treasurer: George E. Spencer. Executive Director: Howard N. Schulz.

HISTORY AND ORGANIZATION: In 1915, the American Association of Industrial Physicians and Surgeons was established in Illinois. The Association was chartered in Illinois February 11, 1916. In 1951, the membership voted to change the name to the Industrial Medical Association. *Geographic Divisions:* Twenty-nine. *Scientific and Technical Committees:* Environmental Hygiene; Industrial Medical Practice; Medical Aspects of Driver Safety; Noise and Hearing Conservation; Problem Drinking; Radiation. *Relationship with Other Societies:* Component societies - Alabama Industrial Medical

Association; Carolina Industrial Medical Association; Central States Society of Industrial Medicine and Surgery; Connecticut Industrial Medical Association; Delaware Industrial Medical Association; Florida Industrial Medical Association; Georgia Industrial Medical Association; Great Plains Industrial Medical Association; Kentucky Industrial Medical Association; Louisiana Industrial Medical Association; Maryland Industrial Medical Association; Michigan Industrial Medical Association, Inc.; Minnesota Academy of Occupational Medicine and Surgery; National Capital Occupational Medical Association; New England Industrial Medical Association, Inc.; New York State Society of Industrial Medicine, Inc.; Northeastern New York Occupational Medical Society; Northwest Association of Occupational Medicine; Industrial Medical Association of Philadelphia; Industrial Medical Association of the Pittsburgh-Cleveland Area; Puerto Rico Industrial Medical Association; Rocky Mountain Academy of Industrial Medicine, Inc.; Tennessee Industrial Medical Association; Texas Industrial Medical Association; Industrial Medical Association of Upstate New York; Virginia Industrial Medical Association; Western Industrial Medical Association; Western Ohio Industrial Medical Association.

PURPOSE: To (1) foster the study of the problems peculiar to the practice of industrial medicine and surgery; (2) unite into one organization members of the medical profession whose interest lies in that field; (3) encourage the development of methods adapted to the conservation and improvement of health among workers; (4) promote a more general understanding of the purposes and results of the medical care of these workers.

MEMBERSHIP: Active (2,429), M.D., member of local medical society or American Medical Association, having interest in industrial medicine; Fellow (893), Active member for five years, engaged in industrial medicine five years full time, elected; Associate (3), M.D., taking postgraduate work in industrial medicine, or intern or resident; Emeritus (296), retired, Fellow or Active for ten years, or 70 years of age, Active member for 20 years; Honorary (3), not Member or Fellow, distinguished service.

MEMBERSHIP SERVICES: Postgraduate seminars for members; employment referral service.

MEETINGS: American Industrial Health Conference annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Knudsen Award, annual, highest honor to an individual in industrial medicine, distinction in occupational medicine and hygiene; Health Achievement in Industry Award, annual, occupational health program in an organization; Meritorious Service Award, annual, outstanding contribution to the Association; Adolph G. Kammer Merit in Authorship Award, annual, outstanding published work in industrial medicine.

PUBLICATIONS: *Journal of Occupational Medicine*, monthly, current volume: 13, 516. Editor: Irving R. Tabershaw. *Industrial Medical Association Membership Directory*, biennial, 151 (nonmembers).

INDUSTRIAL PACKAGING ENGINEERS ASSOCIATION. See SOCIETY OF PACKAGING AND HANDLING ENGINEERS.

326 INDUSTRIAL RESEARCH INSTITUTE, INC. 100 Park Avenue, Suite 2209, New York, N.Y. 10017. (212) 683-7626. President: W. S. Martin. Term expires May 1971. President-Elect: P. C. White. Secretary-Treasurer and Executive Director: Gordon W. McBride.

HISTORY AND ORGANIZATION: Initiated in 1938 in New York City under the auspices of the National Research Council's Division of Engineering and Industrial Research. Became independent and incorporated in 1945 in New York State. *Scientific and Technical Committees:* Mid-Management Groups; Seminar; Study Groups; Education Liaison; Federal Science Trends. *Relationship with Other Societies:* Associated with the National Research Council and its Division of Engineering.

PURPOSE: To (1) promote, through the cooperative efforts of its members, improved, economical and effective techniques of organization, administration and operation of industrial research; (2) develop and disseminate information as to the organization, administration and operation of industrial research; (3) stimulate and develop an understanding of research as a force in economic, industrial and social activities; (4) promote high standards in the field of industrial research; (5) foster interaction between research and other corporate functions; (6) afford a means for industry to cooperate effectively with government in matters related to research.

MEMBERSHIP: Company (234), companies engaged primarily in industrial production and which maintain a technical staff and laboratory for industrial research as an integral part of that business.

MEMBERSHIP SERVICES: Exchange of Information Library.

MEETINGS: Semiannual (May and October).

PROFESSIONAL ACTIVITIES: *Educational:* Study groups; mid-management groups; annual seminar on management of industrial research; industrial visitor program. *Prizes and Awards:* Industrial Research Institute Medal, annual, outstanding achievement in the leadership or management of industrial research.

PUBLICATIONS: *Research Management*, bimonthly, current volume: 14, \$14. Editor: Henry R. Clauser. *Activities Newsletter*, bimonthly, current volume: 43, members only. Editor: Gordon W. McBride. *Education Liaison Newsletter*, quarterly, current volume: 21, members only. Editor: Arthur Kortheuer. *Federal Science Trends Newsletter*, bimonthly, current volume: 54, members only. Editor: Louis Marshall. *Roster*, annual. Editor: Gordon W. McBride.

INSTITUTE OF AERONAUTICAL SCIENCES. See AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS.

327 THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: James H. Mulligan, Jr. Term expires January 1972. Secretary: John R. Whinnery. Term expires January 1972. Treasurer: Raymond W. Sears. Term expires January 1972. General Manager: Donald G. Fink.

HISTORY AND ORGANIZATION: The American Institute of Electrical Engineers was founded in 1884 in New York. The Institute of Radio Engineers was founded in 1912 in New York. On January 1, 1963 these societies merged to form The Institute of Electrical and Electronics Engineers, Inc. (IEEE) in New York. *Geographic Divisions:* Ten regions; 206 sections; 504 group chapters. *Specialty Divisions:* Thirty Groups and Societies are clustered in six Technical Divisions. *Scientific and Technical Committees:* 522 technical committees in areas of Aerospace and Electronic Systems, Antennas and Propagation, Audio and Electroacoustics, Automatic Control, Biomedical Engineering, Broadcast and Television Receivers, Broadcasting, Circuit Theory, Communication Technology, Computers,

Education, Electrical Insulation, Electromagnetic Compatibility, Electron Devices, Engineering Management, Engineering Writing and Speech, Geoscience Electronics, Industrial Electronics and Control Instrumentation, Industry and General Applications, Magnetics, Microwave Theory and Techniques, Nuclear Science, Parts-Materials-Packaging, Power Apparatus and Systems, Quantum Electronics, Reliability, Solid-State Circuits, Sonics and Ultrasonics, Systems-Man-Cybernetics, Vehicular Technology.

PURPOSE: To advance the theory and practice of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences.

MEMBERSHIP: Honorary (4), elected by Board, meritorious service to mankind in engineering or allied fields; Fellow (2,956), confirmed by Board, outstanding qualifications in engineering or allied fields, meets requirements of Senior member and has been member in any grade for seven years; Senior (24,229), highest professional grade by application, engineer, scientist, educator, technical executive or innovator in engineering, in active practice for ten years, distinction for five years; Member (104,053), engineer or scientist in field with three years experience, or graduate of four-year course in field at a recognized school, or equivalent qualifications; Associate (13,138), interested in and capable of rendering service to the field; Student (24,684), undergraduate or graduate student in regular course of study in engineering.

MEETINGS: International Convention and Exposition, annual (March); Western Electronic Show and Convention (WESCON), annual (August).

PROFESSIONAL ACTIVITIES: *Research:* A Career Model for Engineering, report on the career decision model in engineering; development of new technical methods for continuing education. *Educational:* Resources handbook; slide tape lectures; seminars and short courses; cassette colloquia; IEEE Soundings; IEEE Data Service; self-study courses; course notes, syllabi, bibliographies and selected texts; Charles LeGeyt Fortescue Fellowship, annual, \$4,000 for postgraduate work; Volta Scholarship, annual, \$2,000 to Italian citizen with electrical engineering degree, for graduate study in U.S. *Prizes and Awards:* Medal of Honor, exceptional contribution to science and technology of concern to the Institute; Edison Medal, annual, meritorious achievement in electrical science; Founders Award, annual, major contributions in leadership and administration of affairs of value to profession; Lamme Medal, annual, meritorious achievement in development of electrical systems; Education Medal, excellence in teaching or contribution to electrical engineering education; IEEE Field Awards; IEEE Prize Paper Awards.

PUBLICATIONS: *IEEE Spectrum*, monthly, free to members. *Proceedings of the IEEE*, monthly, \$7 (members). *IEEE Student Journal*, five issues per year, free to student members, \$4 (other members). *IEEE Transactions*, publications of the 30 Groups and Societies.

INSTITUTE OF ENVIRONMENTAL ENGINEERS. See INSTITUTE OF ENVIRONMENTAL SCIENCES.

328 INSTITUTE OF ENVIRONMENTAL SCIENCES. 940 East Northwest Highway, Mt. Prospect, Ill. 60056. (312) 255-1561. President: Fred Hermann. Term expires June 1971. President-Elect: Arthur Dallorn. Acting Executive Secretary: Betty L. Peterson.

HISTORY AND ORGANIZATION: The Institute of Environmental Engineers, an outgrowth of the Science Section of the

Environmental Equipment Institute, and the Society of Environmental Engineers, a Southern California group organized in 1956, merged in April 1959 to become the Institute of Environmental Sciences. Incorporated 1959 in Delaware. *Geographic Divisions:* Twenty-eight chapters. *Scientific and Technical Committees:* Acoustics; Marine Environment; Vacuum-Climatics; Data-Acquisition and Reduction; Solar Radiation; Education; Facility Survey; Bioenvironmental Engineering; Nuclear Radiation; Handbook; Electromagnetics; Ultra-High Temperature; Test Management; Shock and Vibration; Corrosion; Environmental Pollution; Awards; Reliability.

PURPOSE: To (1) promote and encourage the acquisition and dissemination of knowledge pertaining to environmental sciences, environmental engineering and related areas of interest for industry, science and government; (2) develop and promote standards, research, simulation, testing and design criteria in the environmental field; (3) sponsor or otherwise encourage courses or curricula in the environmental sciences in institutions of higher education; (4) encourage and recognize outstanding achievement in the environmental sciences, environmental engineering and related areas of interest.

MEMBERSHIP: Honorary Fellow (4), vital contributions to advancement of environmental science through efforts in own professional field, nonmember of Institute; Fellow (34), Member or Senior member of unusual distinction, elected by Executive Committee; Senior (564), engineer, scientist, teacher or executive in the field with twelve years of experience; Member (1,216), engineer, scientist, teacher or executive in the field with seven years experience; Associate (143), employed in field of environmental engineering; Student (67), full time student enrolled in institute of higher education.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Tutorial lecture series at annual meetings; chapter seminars. *Prizes and Awards:* Irwin Vigness Award, annual, best paper on shock.

PUBLICATIONS: *Journal of Environmental Sciences*, bimonthly, free to members, \$12 (U.S.), \$18 (foreign).

329 INSTITUTE OF FOOD TECHNOLOGISTS. 221 North LaSalle Street, Chicago, Ill. 60601. (312) 782-8424. President: Richard L. Hall. Term expires June 1972. Treasurer: Bruce H. Morgan. Term indefinite. Executive Director: Calvert L. Wiley. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1939 and chartered in Illinois. *Geographic Divisions:* Forty-one. *Specialty Divisions:* Carbohydrates; Food Service; Quality Assurance; Refrigerated and Frozen Foods; Sensory Evaluation.

PURPOSE: To (1) promote or stimulate the development of better and more adequate foods for mankind; (2) promote the application of science and engineering to the production, processing, packaging, distribution, preparation, evaluation and utilization of food; (3) stimulate investigation into scientific and technological problems and to provide journals and other media for disseminating and discussing the results of such investigations; (4) stimulate and provide forums for the free interchange of information and ideas; (5) encourage the adoption of curricula adequate for the education of personnel in the field of food science and technology; (6) promote recognition of the role of those engaged in the field of food science and technology; (7) implement and accomplish other programs or proposals consistent with the purposes of the Institute.

MEMBERSHIP: Professional (6,193), Bachelor's degree from college or university with a major in a science or branch of engineering associated with food technology and five years of

professional experience in field (Master's degree equivalent to one years' experience, Ph.D. equivalent to two years' experience); Member (3,477), qualified person active in any aspect of food technology; Student (712), registered in an educational institution and actively pursuing candidacy for a degree (associate arts or higher) in the field of food technology or related science or engineering branch.

MEMBERSHIP SERVICES: Employment bureau.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Educational:* Graduate Fellowships - Florasynth, \$2,500; General Foods, \$4,000; International Flavors and Fragrances Inc., \$1,000; Monsanto, \$1,000; Nestle, \$1,000; Pillsbury, \$1,000. Undergraduate (Junior/Senior) Fellowships - R. T. French Co., \$1,000; Fritzsche Brothers, \$1,000; Gerber, \$1,000; Alexander Katz Memorial, \$1,000; Mexico Section, \$1,000. Thirty Freshman-Sophomore scholarships. *Prizes and Awards:* Nicholas Appert Award, annual, pre-eminence in and contributions to the field of food technology; Babcock-Hart Award, annual, distinguished contributions to food technology which have resulted in improved public health through some aspects of nutrition or more nutritious food; Institute of Food Technologists' International Award, to a member for outstanding efforts to promote the international exchange of ideas in the field of food technology or whose work has led to such exchange of ideas; Food Technology Industrial Achievement Award, annual, to developers of an outstanding food process and/or product which represents a significant advance in the application of food technology to food production; Samuel Cate Prescott Award for Research, annual, to a research scientist 35 years of age or younger for outstanding ability in research in some area of food science and technology; Wm. V. Cruess Award for Excellence in Teaching, annual, excellence in teaching food science and/or technology.

PUBLICATIONS: *Food Technology*, monthly, current volume: 25, \$20. Editor: John B. Klis. *Journal of Food Science*, bimonthly, current volume: 36, \$20. Editor: Bernard J. Liska. *IFT World Directory and Guide*, annual, current volume: 3, members only. Editor: John B. Klis.

330 THE INSTITUTE OF MANAGEMENT SCIENCES. 146 Westminster Street, P.O. Box 6112, Providence, R.I. 02903. (401) 521-2525. President: Peter V. Norden. Term expires August 1971. President-Elect: John F. Magee. Secretary: Sidney W. Hess. Executive Director: M. R. DeMelim.

HISTORY AND ORGANIZATION: Founded 1953. Incorporated the same year in California. *Geographic Divisions:* Twenty-eight. *Specialty Divisions:* Real Time Decision Systems; Information Systems; Logistics; Management Control Systems; Management Philosophy; Management Psychology; Marketing; Practice of Management Science; Organization; Planning; Research and Development; Simulation and Gaming; Local Government and Urban Affairs. *Scientific and Technical Committees:* Publications; Research and Education; International Management Science Centers. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science, Conference Board of Mathematical Sciences, International Statistical Institute and the National Academy of Sciences; held joint meetings with the Econometric Society, Canadian Operational Research Society, Operations Research Society of America and the Societe Francaise de Recherche Operationnelle; participated in meetings of the Institute of Mathematical Statistics, Instrument Society of America and the American Statistical Association.

PURPOSE: To identify, extend and unify scientific knowledge that contributes to the understanding and practice of management.

MEMBERSHIP: Regular (6,108), anyone interested in promoting the growth of management science and its practice; Institutional (12), organizations subscribing to the objects of the Institute; Student (700), full-time students.

MEETINGS: Annual International (Spring); Annual American (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Special study on education; special study on urban affairs; sponsors International Center for Management Science. *Prizes and Awards:* Government Research Grant, periodic competition for the best paper on mathematical methods in logistics; Student Paper Awards, annual, \$300, \$200, \$100, awarded at American Meeting.

PUBLICATIONS: *Management Science*, monthly, current volume: 17, \$25. Editor: Martin K. Starr. *Bulletin*, quarterly, current volume: 17, included as part of *Management Science*. Editor: Leonard S. Simon. *Proceedings of Annual Symposium on Planning*, irregular, \$5.

331 THE INSTITUTE OF MATHEMATICAL STATISTICS.

Address communications to: Leo Katz, Executive Secretary, Statistical Laboratory, Michigan State University, East Lansing, Mich. 48823. (517) 353-7175. President: William H. Kruskal. Term expires August 1971. President-Elect: Raj C. Bose. Executive Secretary: Leo Katz. Term expires December 1973. Treasurer: George J. Resnikoff. Term expires December 1972.

HISTORY AND ORGANIZATION: Established on September 12, 1935 during the joint meetings of the American Mathematical Society and the Mathematical Association of America in Ann Arbor, Michigan. *Geographic Divisions:* Four regions. *Relationship with Other Societies:* Member of Conference Board of the Mathematical Sciences, Committee of Presidents of Statistical Societies and Allied Social Science Association.

PURPOSE: To be devoted to the development, dissemination, and application of mathematical statistics.

MEMBERSHIP: Individual (2,855), approval of application by Board, interest in mathematical statistics; Institutional (83), same requirements as Individual; Student (301); Fellow (314), outstanding reputation and accomplishment.

MEETINGS: Regional (Spring); Annual and International (Summer).

PROFESSIONAL ACTIVITIES: *Educational:* Visiting lecturer program; summer statistical institutes. *Prizes and Awards:* Reitz Lectures, biennial, in honor of first president, to clarify relationship of statistical methodology and analysis to other fields; Wald Memorial Lectures, annual, at annual meeting, two, three or four one-hour talks given by same speaker who is not necessarily a member of the Institute.

PUBLICATIONS: *Annals of Mathematical Statistics*, bimonthly, current volume: 41, \$30. Editor: Ingram Olkin.

INSTITUTE OF RADIO ENGINEERS. See THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

332 INSTITUTE OF TRAFFIC ENGINEERS, INC. 2029 K Street, N.W., Washington, D.C. 20006. (202) 223-3650. President: Carlton C. Robinson. Term expires December 1971. Secretary-Treasurer: Laurence A. Dondanville. Term expires December 1971. Executive Director: Kenneth H. Layer. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1930 in Pittsburgh,

Pennsylvania. Incorporated 1954 in Connecticut. *Geographic Divisions:* Seven districts; twenty local sections. *Scientific and Technical Committees:* Professional Standards, Education and Administration; Traffic Operations Measures; Application of Traffic Control Devices; Geometric Design of Traffic and Terminal Facilities; Transportation Planning; Design and Standards for Traffic Control Devices, Equipment and Materials; Characteristics of Traffic and Traffic Movement.

PURPOSE: To (1) advance the art and science of traffic engineering and encourage intercourse between men with mutual interests in this work; (2) foster traffic engineering education; (3) stimulate original research in this field; (4) advance professional development of, and establish a central point of reference and union for, members.

MEMBERSHIP: Member (700), 12 years' engineering experience including five years of traffic engineering, responsible charge for five years, of which three years are in responsible charge of traffic engineering work; Associate (1,537), eight years' experience including at least three years of traffic engineering, one year responsible charge of traffic engineering; Junior (1,134), engineering college graduate or five years' engineering experience and at least one year in traffic engineering; Student (414), enrolled in engineering in recognized college and registered in at least one traffic engineering or transportation course; Affiliate (64), by invitation; Honorary (10), by invitation.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Past Presidents' Award, annual; Burton W. Marsh Distinguished Service Award, annual.

PUBLICATIONS: *Traffic Engineering*, monthly, \$6. Editor: William L. Carson.

333 INSTRUMENT SOCIETY OF AMERICA. 400 Stanwix Street, Pittsburgh, Pa. 15222. (412) 281-3171. President: Douglas C. Strain. Term expires October 1971. President-Elect and Secretary: John T. Anagnost. Treasurer: David K. Hankinson. Term expires October 1972. Executive Director: Herbert S. Kindler.

HISTORY AND ORGANIZATION: On April 28, 1945 representatives of 18 local instrument societies from the United States and Canada met in Pittsburgh, Pennsylvania to formally create the Instrument Society of America (ISA). Incorporated 1945 in Pennsylvania. *Geographic Divisions:* Eleven districts; 144 sections. *Specialty Divisions:* Aerospace; Analysis Instrumentation; Automatic Control Systems; Biomedical Sciences; Chemical and Petroleum; Data Handling and Computation; Food; Maintenance Management; Marine Sciences; Metals; Metrology; Power; Process Measurement and Control; Pulp and Paper; Telemetry; Test Measurement; Transportation. Scientific and Technical Committees number in the hundreds. *Relationship with Other Societies:* Charter member of American Automatic Control Council; affiliate member of American Institute of Physics; constituent member of Engineers Joint Council; North American representative of International Measurement Confederation; Full-Status member of American National Standards Institute; affiliate member of American Federation of Information Processing Societies.

PURPOSE: To advance knowledge and practice related to the theory, design, manufacture and use of instruments and automatic controls in science and industry; (2) include measurement, precision standards, automatic control, data handling and computation, maintenance management, telemetry, metrology and information display; (3) be concerned with the

application of all aspects of instrumentation to industrial, laboratory, biophysical, marine and space environments.

MEMBERSHIP: Fellow (159), Society member at least ten years, 15 years of active instrumentation work, significant engineering or scientific attainments, nominated by five Fellows or nine Senior members and Fellows; Senior (6,142), graduate of an engineering or science curriculum, six years of active instrumentation work, two of which have been in a position of responsible charge (an advanced degree may be counted as one of the six years of active instrumentation work), or ten years of active instrumentation experience, two of them in a position of responsible charge; Member (12,345), interested in instrumentation and the objectives of the Society; Associate (274), principal interests and occupation not specifically in instrumentation; Student (1,506), enrolled as a full-time student or enrolled in a formal instrumentation apprentice course.

MEMBERSHIP SERVICES: Promulgation of standards and recommended practices.

MEETINGS: Annual ISA Conference and Exhibit (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Annual membership survey to develop profile information regarding technical interests, education, position and industry. *Educational:* Curriculum guides; films and film strips; lecture notes; texts and monographs; cassette self-study materials; short courses. *Prizes and Awards:* Honorary Member, outstanding contributions to the advancement of the arts and sciences of instrumentation; Albert F. Sperry Medal Award, outstanding technical, educational or philosophical contribution to the science and technology of instrumentation, gold medal, bronze replica, certificate and \$1,000; Arnold O. Beckman Award, significant technological contribution to the conception and implementation of a new principle of instrument design, development or application, engraved plaque, certificate and \$1,000; Donald P. Eckman Education Award, outstanding educational contribution to the science and technology of instrumentation, engraved plaque, certificate and \$500; Standards and Practices Award, outstanding contribution to the Society's standards and practices program, engraved plaque, certificate and \$500; Philip T. Sprague Award, outstanding achievement in the conception, design or implementation of power plant instrumentation, engraved plaque, certificate and \$500; Excellence in Documentation Award, most outstanding article, paper or other document published under the auspices of the Instrument Society of America, engraved plaque, certificate and \$500; Instrumentation Technology Award, most outstanding article in the field of process instrumentation originally published in the Society's official monthly journal, engraved plaque, certificate and \$500; W. A. Kates Award, to five Sections of the Society for the most definitive reports of their activities during the year, engraved plaque and \$100; Student Paper Awards, outstanding papers in instrumentation by university, technical institute and junior college students, plaque, \$100 and expense paid trip to the Society's annual conference.

PUBLICATIONS: *Instrumentation Technology*, monthly, current volume: 18, \$7. Editor: Frank M. Ryan. *ISA Transactions*, quarterly, current volume: 10, \$28. Editor: G. E. Dreifke. *ISA Instrumentation Index*, quarterly, current volume: 11-14, \$7.50. Editor: Glenn F. Harvey. *Annual ISA Conference Proceedings*, annual, current volume: 25. Editor: Glenn F. Harvey.

INTERNATIONAL ASSOCIATION FOR TESTING MATERIALS (AMERICAN SECTION). See AMERICAN

SOCIETY FOR TESTING AND MATERIALS.

INTERNATIONAL ASSOCIATION OF INSTRUCTORS AND INVESTIGATORS IN POULTRY HUSBANDRY. See THE POULTRY SCIENCE ASSOCIATION, INC.

334 INTERNATIONAL COMMUNICATION ASSOCIATION. P.O. Box 1020, Athens, Ohio 45701. (614) 594-4321. President: Ronald L. Smith. Executive Secretary: Michael Z. Sincoff. Term expires December 1973.

HISTORY AND ORGANIZATION: Originated December 1948 in Chicago, Illinois as the National Society for the Study of Communication. Adopted its present name in May 1970. Incorporated 1970 in Ohio. *Specialty Divisions:* Information Systems; Mass Communication; Interpersonal Communication; Organizational Communication; Intercultural Communication. *Scientific and Technical Committees:* Curricula. *Relationship with Other Societies:* Founding member of the Council of Communication Societies; affiliate member of the American Association for the Advancement of Science.

PURPOSE: To (1) encourage and engage in the systematic study of communication theories, processes and skills; (2) disseminate information about communication theories, processes and skills by means of publications, educational projects, professional contacts and meetings; (3) encourage the application of research results in these areas to the development of human understanding and the public welfare.

MEMBERSHIP: Student (200); Regular (1,000); Sustaining (174); Patron (32).

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Journal of Communication Award, annual, best article to appear in the *Journal of Communication* during the preceding year.

PUBLICATIONS: *Journal of Communication*, quarterly, current volume: 21, \$15. Editor: Paul D. Holtzman.

335 INTER-SOCIETY COLOR COUNCIL. Rensselaer Polytechnic Institute, Department of Chemistry, Troy, N.Y. 12181. (518) 270-6458. President: Randall M. Hanes. Term expires April 1971. President-Elect: Richard S. Hunter. Secretary: Fred W. Büllmeyer, Jr. Term indefinite. Treasurer: Warren B. Reese. Term indefinite.

HISTORY AND ORGANIZATION: Preliminary conference held at the Museum of Science and Industry in New York City on February 26, 1931. First meeting held September 21, 1931. Incorporated October 14, 1953 in New York. *Scientific and Technical Committees:* Problems; Information Bureau; Finance; President's Advisory. *Relationship with Other Societies:* Member-Bodies include the American Artists' Professional League, Inc., American Association of Textile Chemists and Colorists, American Ceramic Society, Inc., American Institute of Architects, American Institute of Interior Designers, American Oil Chemists' Society, American Psychological Association, American Society for Testing and Materials, American Society of Photogrammetry, Color Association of the United States, Inc., Color Marketing Group, Dry Color Manufacturers' Association, Federation of Societies for Paint Technology, Graphic Arts Technical Foundation, Inc., Gravure Technical Association, Inc., Illuminating Engineering Society, Industrial Designers Society of America, Institute of Food Technologists, National Association of Printing Ink Manufacturers, Inc., National Paint, Varnish and Lacquer Association, Inc., National Society of Interior Designers, Inc., Optical Society of America, Package Designers Council, Paperboard Packaging Council,

Research and Engineering Council of the Graphic Arts Industry, Inc., Society of Motion Picture and Television Engineers, Society of Photographic Scientists and Engineers, Society of Plastics Engineers, Inc., Technical Association of the Graphic Arts and the Technical Association of the Pulp and Paper Industry.

PURPOSE: To (1) stimulate and coordinate the work being done by various societies, organizations and associations leading to the standardization, description and specification of color; (2) promote the practical application of these results to the color problems arising in science, art and industry.

MEMBERSHIP: Individual Member or Delegate from Member-Body (800), interest in color; Member-Body (30), U.S. national society interested in color; Sustaining (1), local society interested in color.

MEMBERSHIP SERVICES: Information Bureau offers solutions to technical problems and aids to the dissemination of information on color.

MEETINGS: Annual (March or April).

PROFESSIONAL ACTIVITIES: *Research:* Color aptitude test; survey of American color specifications; colorimetry of fluorescent materials; procedures and material standards for accurate color measurement; standard conditions for visual observation of small color differences; standards methods of mounting textile samples for color measurement; metamorphism; color in the building industry; strength of colorants. *Educational:* Information Bureau provides technical assistance to schools and colleges, speakers and audio-visual aids. *Prizes and Awards:* I.H. Godlove Award, biennial, exceptional contributions to the knowledge of color; Norman Macbeth Award, biennial on even years, recent important contribution to the field of color.

PUBLICATIONS: *Inter-Society Color Council Newsletter*, four issues per year, current issue: 207, \$10 (members only). Editor: Robert W. Burnham.

INTER-SOCIETY CYTOLOGY COUNCIL. See AMERICAN SOCIETY OF CYTOLOGY.

336 INTERSOCIETY COMMITTEE ON PATHOLOGY INFORMATION. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-6783. Chairman: Thomas D. Kinney. Term expires November 1971. Secretary-Treasurer: Henry D. Moon. Term expires November 1972. Information Counsel: Judy Graves.

HISTORY AND ORGANIZATION: Created in 1957. *Relationship with Other Societies:* The Committee consists of five sponsoring societies: American Association of Pathologists and Bacteriologists; American Society of Clinical Pathologists; American Society for Experimental Pathology; College of American Pathologists; International Academy of Pathology.

PURPOSE: To coordinate and disseminate information about pathology to the medical profession and to the public.

MEMBERSHIP: Appointed by the president of a sponsoring society. Five members representing five national societies with a net membership of about 7,500.

MEMBERSHIP SERVICES: Handles publicity for each society's annual meeting, including operation of a press room; serves as a clearinghouse of information for press and public about pathology; produces and reprints informational materials for use in answering inquiries, especially those about pathology as a career.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Cosponsors an annual award for the best exhibit relating to the medical

laboratory at the Science Fair International. Prize is a round trip to Washington, D.C. and a summer job at the Armed Forces Institute of Pathology.

PUBLICATIONS: *American Journal of Clinical Pathology*, monthly, current volume: 55. Editor: Frank Vellios. *American Journal of Pathology*, monthly, current volume: 62. Editor: Thomas D. Kinney. *International Pathology*, quarterly, current volume: 11. Editor: Roger Mortimer. *Laboratory Investigation*, monthly, current volume: 24. Editor: Robert E. Stowell. *Laboratory Medicine*, monthly, current volume: 2. Editor: Coye C. Mason. *The Pathologist*, monthly, current volume: 25. Editor: Martin J. Valasek. *Directory of Pathology Training Programs*, annual, current volume: 4. Editor: Judy Graves.

INTERSTATE DENTAL ASSOCIATION. See NATIONAL DENTAL ASSOCIATION.

337 IOWA ACADEMY OF SCIENCE, INC. University of Northern Iowa, Cedar Falls, Iowa. 50613. (319) 273-2021. President: Herbert Hendriks. President-Elect: Stanley Wawzonek. Executive Secretary: Robert W. Hanson. Treasurer: Harry T. Horner, Jr.

HISTORY AND ORGANIZATION: The First Academy, established in 1875, died after 1884 by lapse of its membership. Present Academy organized December 27, 1887 in Des Moines, Iowa. Incorporated 1955 in Iowa. *Specialty Divisions:* Mathematics; Physics; Inorganic and Physical Chemistry; Organic and Biological Chemistry; Geology; Zoology; Botany; Archaeology; Psychology; Conservation; Engineering; Physiology; Science Teaching. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science (AAAS). Iowa chapter of the Mathematical Association of America is the Mathematics Section of the Academy.

PURPOSE: To promote interest in the sciences, in scientific research improvement of instruction in the sciences, dissemination of scientific knowledge, and recognition of high achievement in attaining these objectives in the State of Iowa.

MEMBERSHIP: Emeritus Fellow, age 68, member in good standing for 25 years; Life Fellow, Fellow in good standing; Fellow, person actively engaged in research in science, teaching science or administration in science; Associate, person interested in the progress of science, even though not actively engaged in scientific work; Student Associate, bona fide student in an institution of higher learning; Corporate and Institutional, corporation or institution interested in science and in support of the Academy.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* The development of a 240 acre farm as an example of sound conservation practice and environmental quality compatible with optimum income. *Educational:* Awards funds received from the Academy's affiliation with AAAS to high school or college students or to Senior Academy members to assist with research efforts; sponsors the Iowa Junior Academy of Science; conducts the Iowa Science Talent Search in high schools and names students to the Iowa Honor Roll on the basis of competitive examinations; cosponsors special meetings dealing with educational matters or environmental concerns. *Prizes and Awards:* Excellence in Teaching Award, annual, to high school teachers of biology, chemistry, earth science, mathematics and physics; honorary memberships in AAAS and trips to the AAAS convention are awarded annually to two outstanding high school participants in the Junior Academy program.

PUBLICATIONS: *Proceedings of the Iowa Academy of Science*,

annual, current volume: 77, \$4. Editor: Paul Meglitsch. Beginning with volume 78 the Proceedings will become a quarterly at \$8 per year. *Iowa Science Teachers Journal*, quarterly, current volume: 8, \$2. Editor: Robert E. Yager. *IAS Bulletin*, five issues per year, current volume: 5. Editor: Robert W. Hanson.

JOINT COMMITTEE ON CAREERS IN NURSING. See NATIONAL LEAGUE FOR NURSING.

JOINT COMMITTEE ON PRACTICAL NURSES AND AUXILIARY WORKERS IN NURSING SERVICES. See NATIONAL LEAGUE FOR NURSING.

338 KANSAS ACADEMY OF SCIENCE. *Address communications to:* Jerry S. Weiss, Secretary, Division of Biology, Kansas State University, Manhattan, Kansas 66502. (913) 532-6655. President: Margaret Parker. Term expires May 1971. President-Elect: R. J. Robel. Secretary: Jerry S. Weiss. Term expires May 1973.

HISTORY AND ORGANIZATION: Founded in 1868 and celebrated its centennial at the University of Kansas in May 1968. *Specialty Divisions:* Junior Academy of Science. *Scientific and Technical Committees:* Conservation; Educational Trends in Science Teaching.

PURPOSE: To (1) stimulate communication among scientists of all types in the State of Kansas academic, industrial, and governmental; (2) promote science and technology in the State by acquainting scientists of all types with programs in their field; (3) provide a forum for the presentation and publication of scientific information of particular significance to the State of Kansas; (4) communicate and work with other organizations in promoting and improving the training function; (5) interest the youth in the State of Kansas in science and encourage them to consider science as a profession; (6) foster the effective use of science and technology with other sectors in the solution of major social problems of today; (7) foster the effective use of science and technology for social and economic progress; (8) provide advisory service to State and local governments in the areas of science and technology.

MEMBERSHIP: Annual (300), interest in science; Student (60), high school, undergraduate or graduate students; Sustaining (10); Life (29); Honorary (1), special prominence in science, elected; Emeritus, 65 years of age, Active members for 20 years; Junior Academy, attend junior high and high schools that have paid the annual dues; Industrial.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Fifty research grants awarded annually to high school and college students and others interested in scientific research.

PUBLICATIONS: *Transactions of the Kansas Academy of Science*, quarterly, current volume: 74, \$6. Editor: Laurence R. Draper.

339 KANSAS ENTOMOLOGICAL SOCIETY. *Address communications to:* Gerald Wäde, Secretary-Treasurer, Department of Entomology, Kansas State University, Manhattan, Kans. 66502. (913) 532-6774. President: Floyd Miner. Term expires May 1971. President-Elect: Orley Taylor. Secretary-Treasurer: Gerald Wäde. Term indefinite.

HISTORY: Founded in 1925 at Manhattan, Kansas. In 1951 a subtitle, "Central States Entomological Society," was adopted.

PURPOSE: To advance the interests of entomology in the broadest sense.

MEMBERSHIP: Individual (700); Student (100).

MEETINGS: Annual (Spring).

PUBLICATIONS: *Journal of the Kansas Entomological Society*, four issues per year, current volume: 44, \$7. Editor: Peter Ashlock.

KANSAS STATE ASSOCIATION OF GRADUATE NURSES. See KANSAS STATE NURSES' ASSOCIATION.

340 KANSAS STATE NURSES' ASSOCIATION. 820 Quincy Street, Topeka, Kans. 66612. (913) 233-8638. President: Ilse C. Steg. Term expires October 1971. Secretary: Joan C. Martin. Term expires October 1972. Treasurer: Isobel Ina Schmidt. Term expires October 1971. Executive Director: Florence J. Nelson.

HISTORY AND ORGANIZATION: Founded February 9, 1912 at Wichita, Kansas as the Kansas State Association of Graduate Nurses. Bylaws revised in 1917 and name changed to present title. Incorporated 1949. *Geographic Divisions:* Sixteen districts. *Specialty Divisions:* Community Health Nursing Conference; Psychiatric Conference; General Duty; Private Duty; School Nurse. *Scientific and Technical Committees:* Practice; Education; Careers; Legislation. *Relationship with Other Societies:* Constituent of the American Nurses' Association.

PURPOSE: To (1) foster high standards of nursing practice; (2) promote the professional and educational advancement of nurses; (3) promote the welfare of nurses to the end that all people may have better nursing care.

MEMBERSHIP: Member (1,782), Associates (190). All Members and Associates shall be nurses who are graduates of state-accredited schools of professional nursing with a license to practice as a registered nurse in at least one state, the license not being under revocation for professional misconduct in any state.

MEMBERSHIP SERVICES: Professional counseling; placement service; economic security program; field services.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Survey to determine needs for continuing education; study relating to Kansas nursing education needs. *Educational:* Clinical workshops; educational loans to members. *Prizes and Awards:* Honorary Recognition, annual, distinguished service or valuable assistance to the nursing profession.

PUBLICATIONS: *Kansas Nurse*, 10 issues per year, current volume: 46, \$2. Editor: Florence J. Nelson.

341 KENTUCKY ACADEMY OF SCIENCE. *Address communications to:* Robert S. Larence, Secretary, Department of Biological Science, Eastern Kentucky University, Richmond, Ky. 40475. (606) 622-2271. President: Karl Hussung. Term expires November 1971. President-Elect: Louis Krumholz. Secretary: Robert S. Larence. Term indefinite. Treasurer: C. B. Hamann. Term indefinite.

HISTORY AND ORGANIZATION: Founded on May 8, 1914 in Lexington, Kentucky. Incorporated May 2, 1936 in Kentucky. *Scientific and Technical Committees:* Legislative. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science; member of Academies of Science.

PURPOSE: To (1) encourage scientific research; (2) promote the diffusion of scientific knowledge; (3) unify the scientific interests of the Commonwealth of Kentucky.

MEMBERSHIP: College and University Faculty (400), interest;

Industrial (25), interest; High School Teacher (10), interest; Library (40).

MEETINGS: Annual (usually November).

PROFESSIONAL ACTIVITIES: *Research*: State survey for potential members; to determine the Academy's role in Kentucky. *Educational*: Junior Academy of Science; seminars presented at high schools, colleges and universities.

PUBLICATIONS: *Transactions of the Kentucky Academy of Science*, biannual, current volume: 31, \$4. Editor: W. F. Wagner.

342 LINGUISTIC SOCIETY OF AMERICA. 1717 Massachusetts Avenue, N.W., Washington, D.C. 20036. (202) 234-8130. President: Eric P. Hamp. Term expires December 1971. President-Elect: Dwight Bolinger. Secretary-Treasurer: Thomas A. Sebeok. Term expires December 1971 (by tradition relected). HISTORY AND ORGANIZATION: Founded December 28, 1924 at the American Museum of Natural History in New York City. Incorporated 1940 in the District of Columbia. *Relationship with Other Societies*: Constituent society of the American Council of Learned Societies.

PURPOSE: To advance the scientific study of language.

MEMBERSHIP: Regular (2,900), interested in field; Student (1,500), enrolled in the regular academic year as a candidate for a degree in a recognized college or university; Subscribing (libraries) (2,000), same as Regular membership (subscription not sold without membership); Associate (25), spouse of personal member; Emeritus (40), member for 20 years, retired from the regular exercise of his profession; Honorary (21), foreign scholar of distinction in linguistic studies, not resident in the United States.

MEMBERSHIP SERVICES: Employment clearinghouse.

MEETINGS: Annual (December); Summer (July).

PROFESSIONAL ACTIVITIES: *Research*: Study on language and cognitive development. *Educational*: Linguistic Institute summer study program in linguistics is cosponsored by the Society and the host university; Bloch Fellowship and Summer Study Aids provide travel and subsistence for study at the Linguistic Institute (Bloch Fellow receives an additional \$750).

PUBLICATIONS: *Language, Journal of the Linguistic Society of America*, quarterly, current volume: 47, \$16 (Regular), \$8 (Student). Editor: William Bright. *LSA Bulletin*, irregular, current volume: 48-52, free to members. *LSA Employment Clearinghouse for Linguistics*, 2 issues per year, current volume: 3-4, free.

LINNAEAN FERN CHAPTER OF THE AGASSIZ ASSOCIATION. See THE AMERICAN FERN SOCIETY, INC.

LONG ISLAND SOCIETY OF ANESTHETISTS. See AMERICAN SOCIETY OF ANESTHESIOLOGISTS.

343 LOUISIANA ACADEMY OF SCIENCES. *Address communications to*: George A. Kemp, President, 8515 Youree Drive, Shreveport, La. 71105. (318) 865-7121. President: George A. Kemp. Term expires April 1972. President-Elect: Charles DePoe. Secretary: Bobby F. Dowden. Term expires April 1973. Treasurer: Larry McRae. Term expires April 1972. HISTORY AND ORGANIZATION: Founded 1927 at the Centenary College of Louisiana in Shreveport, Louisiana. Incorporated 1928. *Specialty Divisions*: General Biological Sciences; Zoology; Botany; General Social Sciences; Behavioral Social Sciences; General Physical Sciences; Computer Science;

Chemistry; Physics; Earth Sciences; Science Teaching; Junior Academy of Sciences; Louisiana State Science Fair. *Scientific and Technical Committees*: Visiting Scientist; Conservation of Wilderness and Other Unique Areas; Louisiana State Science Fair; Louisiana Junior Academy of Sciences. *Relationship with Other Societies*: Affiliated with the Association of Academies of Sciences. Louisiana Junior Academy of Sciences and the Louisiana State Science Fair are semi-independent organizations of the Academy.

PURPOSE: To (1) unite the scientists of Louisiana for the purpose of encouraging research in all branches of science and encourage such research by moral, physical and financial assistance; (2) establish funds, scholarships and awards for the purpose of encouraging scientific research and of lending and giving financial assistance to those engaged in scientific research; (3) encourage the adoption of scientific methods on thought, encourage and conduct scientific discussions, publish and disseminate scientific material and information relative thereto, conduct all enterprises deemed by it to promote the cause of science, spread knowledge concerning, and related, to scientific methods, and foster the applications of pure science to the problems of humanity.

MEMBERSHIP: Open to anyone genuinely interested in science.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research*: Legislative lobbying for the preservation of wilderness and other unique areas; upgrading the quality of research in the state by allocation of monies designated for research at each institution in the state. *Educational*: Helping select textbooks for elementary and secondary schools; upgrading science teaching in the elementary and high schools in the state by more rigorous requirements for certification to teach science. *Prizes and Awards*: Outstanding Teacher in Louisiana; Distinguished Lecturer; Emeritus Memberships; Honorary Memberships.

PUBLICATIONS: *Proceedings of the Louisiana Academy of Sciences*, annual, current volume: 23, \$5. Editor: Robert McIlhenny.

344 LOUISIANA STATE MEDICAL SOCIETY. 1700 Josephine Street, New Orleans, La. 70113. (504) 522-9513. President: W. Charles Miller. Term expires May 1971. President-Elect: Edward M. Harrell. Secretary-Treasurer: H. Ashton Thomas. Term expires May 1975.

HISTORY AND ORGANIZATION: Founded 1878. Incorporated 1903 in Louisiana. *Geographic Divisions*: Forty-two parish (county) medical societies; seven district medical societies. *Specialty Divisions*: Medical; Surgical; Socio-Economics. *Scientific and Technical Committees*: Forty-three committees in Councils on Health, Education, Legislation and Socio-Economics. *Relationship with Other Societies*: Constituent society of the American Medical Association.

PURPOSE: To (1) federate and bring into one compact organization the eligible members of the medical profession in Louisiana; (2) advance medical science; (3) elevate the standard of medical education.

MEMBERSHIP: Regular, member of component society, licensed by State board; Service, member of component society on active duty in the Armed Forces; Dues-Exempt, retired from active practice; Intern-Resident, serving in approved hospitals; Academic, teaching or doing research in approved school; Honorary, elected for meritorious service to the Society or to the science of medicine.

MEMBERSHIP SERVICES: Library; educational materials; legal counsel; placement service.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational*: Immunization programs; public health; Student American Medical Association; drug abuse; public affairs. *Prizes and Awards*: Walter Reed Memorial Plaque for Excellence in Tropical Medicine or Preventive Medicine, presented to senior medical students recommended by Tulane and Louisiana State University.

PUBLICATIONS: *Journal of the Louisiana State Medical Society*, monthly, current volume: 123, \$6. Editor: Mannie D. Paine. *Capsules*, monthly. Editor: H. Ashton Thomas.

LYCEUM OF NATURAL HISTORY. See THE NEW YORK ACADEMY OF SCIENCES.

345 MAINE MEDICAL ASSOCIATION. P.O. Box 250, Brunswick, Me. 04011. (207) 725-6414. President: Linus J. Stitham. Term expires June 1972. President-Elect: George W. Wood, III. Executive Director: Daniel F. Hanley. Term indefinite.

HISTORY AND ORGANIZATION: Founded April 28, 1853 in Brunswick, Maine. Incorporated 1951 in Maine. *Geographic Divisions*: Fifteen component county medical societies. *Scientific and Technical Committees*: Scientific; Legislative; Recruitment, Aid, and Placement; Medical Advisory; Public Relations; Rural Health; Ethics and Discipline; Health Insurance; Credentials.

PURPOSE: To (1) promote the science and art of medicine, the protection of public health, and the betterment of the medical profession; (2) unite with similar organizations in other states and territories of the United States to form the American Medical Association.

MEMBERSHIP: Active, member of component society, licensed to practice medicine; Junior, intern or resident in approved hospital; Honorary, elected by House of Delegates, 50 years of active practice of medicine; Affiliate, retired from active practice; Senior, 70 years of age; Service, on active duty in any branch of the Armed Forces.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Educational*: Loans to promising students of medicine are made through the Maine Medical Education Foundation.

PUBLICATIONS: *Journal of the Maine Medical Association*, monthly, current volume: 62, \$6. Editor: Daniel F. Hanley.

346 MARINE TECHNOLOGY SOCIETY, INC. 1730 M Street, N.W., Washington, D.C. 20036. (202) 296-6773. President: Donald L. McKernan. President-Elect: John P. Craven. Secretary-Treasurer: Stewart B. Nelson. Term expires January 1973. Executive Director: Robert W. Niblock. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1963. Incorporated the same year in New York State. *Specialty Divisions*: Facilities and Equipment; Research and Education; Exploration and Ocean Operations; Resource Utilization and Economics; Resource Management and Law. *Scientific and Technical Committees*: Buoy Technology; Cable and Connector; Coastal Zone Marine Management; Education; Law; Man's Underwater Activities; Marine Biological Resources; Marine Geodesy; Marine Information Systems; Marine Materials; Marine Mineral Resources; Marine Power Systems; Ocean Economic Potential; Oceanographic Instrumentation; Undersea Vehicles; Wastes Management; Surface Ships; Ocean Search and Salvage; Geology and Geophysics. *Relationship with Other Societies*: Affiliated with the National Research Council and the American Association for the Advancement of Science.

PURPOSE: To (1) disseminate marine science and technical

knowledge; (2) promote and aid education of marine scientists, engineers and technicians; (3) advance the development of the tools to explore, study and exploit the oceans; (4) provide services which create a broader understanding of the relevance of marine sciences to other technologies, arts and human affairs.

MEMBERSHIP: Member, active in the marine sciences, technologies or related fields with an academic degree or its equivalent or professional experience in the marine field or in a closely related field; Associate, interested in the marine sciences, technologies or related fields; Student, enrolled in an educational institution; Corporate, corporation or organization interested in supporting the objects of the Society; Patron; Honorary, upon unanimous recommendation of the Council. Total membership: approximately 5,000.

MEETINGS: Annual (September or October).

PROFESSIONAL ACTIVITIES: *Educational*: Science Fair program; certificates and cash awards to high school students; advisors and judging teams for student design program, "Design for Ocean Space." *Prizes and Awards*: Lockheed Award for Ocean Science and Engineering; Compass Industrial Award; Compass Distinguished Achievement Award.

PUBLICATIONS: *Marine Technology Society Journal*, bi-monthly, current volume: 1, \$15.

347 THE MARYLAND ACADEMY OF SCIENCES. 7 West Mulberry Street, Baltimore, Md. 21201. (301) 685-2370. Chairman, Board of Trustees: J. Cookman Boyd, Jr. Term expires October 1971. President: Robert P. Rich. Term expires October 1971. Secretary: James W. Easter. Term expires October 1971. Treasurer: Robert D. H. Harter. Term expires October 1971. Director: Nigel O'C. Wolff. Term indefinite.

HISTORY AND ORGANIZATION: Founded in Baltimore in 1797 and chartered by the State of Maryland in 1825. Re-chartered in 1867. *Scientific and Technical Committees*: Scientific Council; Educational Advisory Committee. *Relationship with Other Societies*: The Baltimore Astronomical Society, Baltimore Mineral Society, Baltimore Zoological Society, Archeological Society of Maryland, Maryland Natural History Society and the Maryland Paleontology Society are Sections of the Academy.

PURPOSE: To (1) promote the advancement of science; (2) encourage public interest in and understanding of science; (3) conduct an active program in science education; (4) serve as a central focus of scientific activities, both professional and amateur, in the State of Maryland.

MEMBERSHIP: Members (1,700), interest in science; Professional (300), professional scientist or science educator (mathematics, medicine, engineering included); Corporate (99).

MEMBERSHIP SERVICES: Information services; opportunity for participation in a dynamic program of science education.

MEETINGS: Irregular.

PROFESSIONAL ACTIVITIES: *Research*: Paleocological study of Miocene fossils at Calvert Cliffs, Maryland; study of the faunas of Liberia, Africa; study of breeding and social behavior of penguins in Antarctica and in captivity; study of behavior and migration of whistling swans in U.S., northern Canada and Alaska. *Educational*: Circulating exhibits on basic science; visiting scientists; seminars for selected students; seminars for science teachers; summer science activities for young children; annual three-day symposium for students and teachers from entire state; operation of small planetarium and limited exhibition halls; lecture/demonstrations of meteorology. *Prizes and Awards*: Maryland's Outstanding Young Scientist of the Year,

Allan C. Davis Medal, annual, \$500, professional scientist living and working in Maryland, under 35 years of age; Distinguished Young Scientist Awards, annual; Certificates of Award and Certificates of Honor to outstanding high school students in Maryland Science Talent Search.

PUBLICATIONS: *Maryland Academy of Sciences Newsletter*, monthly, current volume: 14. Editor: Ray Thompson. *Graphic Time Table of the Heavens*, annual. Editor: Paul S. Watson.

348 THE MASSACHUSETTS MEDICAL SOCIETY. 22 The Fenway, Boston, Mass. 02215. (617) 536-8812. President: H. Thomas Ballantine, Jr. Term expires May 1972. President-Elect: James F. McDonough. Secretary: Thomas Gephart. Term indefinite. Treasurer: Charles G. Shedd. Term indefinite. Executive Secretary: Everett R. Spencer, Jr. Term indefinite.

HISTORY AND ORGANIZATION: Incorporated 1781 in Massachusetts. *Geographic Divisions:* Twenty-one district medical societies. *Specialty Divisions:* Anesthesiology; Radiology; Internal Medicine; Physical Medicine; Allergy; Dermatology; Occupational Health; Orthopaedic Surgery; Obstetrics and Gynecology; Pediatrics; Physiology and Pathology; General Practice; Ophthalmology and Otolaryngology; Psychiatry and Neurology; Surgery. *Scientific and Technical Societies:* Hospital and Professional Relations; Medical Service; Mental Health; Public Health; Publications; Blood Banks; Medical Education; Environmental Health; School Health; Maternal Welfare; Perinatal Welfare. *Relationship with Other Societies:* Delegate representation to the American Medical Association.

PURPOSE: To (1) advance medical knowledge; (2) develop and maintain the highest professional and ethical standards of medical practice and health care for the health, benefit and welfare of the citizens of the Commonwealth.

MEMBERSHIP: Active Resident (6,377), Massachusetts resident under age 65; Senior Resident (1,331), Massachusetts resident over age 65; Active Non-Resident (1,045) out of state under age 65; Senior Non-Resident (214), out of state over age 65.

MEMBERSHIP ACTIVITIES: Membership in Francis A. Countway Library of Medicine - Boston Medical Library; information services; representation with Federal-State agencies.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Research:* Maternal and infant mortality; collection, distribution and storage of blood; plans for delivery of medical care. *Educational:* Sponsorship of Postgraduate Medical Institute which establishes and conducts postgraduate courses, helps establish "core" medical libraries in hospitals and conducts education research projects; scholarship-loan program for medical students; scholarships (\$500) to outstanding medical exhibits at Massachusetts State Regional Science Fair. *Prizes and Awards:* Awards annually to outstanding fourth-year medical students in medical schools in state.

PUBLICATIONS: *New England Journal of Medicine*, weekly, current volume: 284, \$15 (regular), \$8 (interns, residents, students). Editor: Franz J. Ingelfinger. *Newsletter*, six issues per year, current volume: 11, free. Editor: E. R. Spencer, Jr. *Proceedings of the Council Meeting*, triannual, free. Editor: Thomas Gephart.

349 THE MASSACHUSETTS SOCIETY OF OPTOMETRISTS. 101 Tremont Street, Boston, Mass. 02108. (617) 542-9200. President: Dewey I. Clason. Administrative Director: Stanley E. Smith.

HISTORY AND ORGANIZATION: Chartered in 1919 in Boston, Massachusetts. *Geographic Divisions:* Ten. *Scientific and Technical Committees:* Research and Standards; Public

Information; Postgraduate Education; Public Health; Contact Lenses. *Relationship with Other Societies:* Member of the American Optometric Association and the New England Council of Optometrists.

PURPOSE: To (1) promote education; (2) disseminate public information on eye care; (3) conduct research in vision care.

MEMBERSHIP: Active (525), subscribe to code of ethics, licensed to practice in Massachusetts; Associate and Life (60), special membership after having made major contributions to the Society.

MEETINGS: Annual (June); Fall Meeting (November); Winter Meetings (January and March); Spring Meeting (April).

PROFESSIONAL ACTIVITIES: *Educational:* Postgraduate education; scholarships.

PUBLICATIONS: *New England Journal of Optometry*, monthly (except July and August), \$3. Editor: Howard M. Coleman.

350 THE MATHEMATICAL ASSOCIATION OF AMERICA, INC. 1225 Connecticut Avenue, N.W., Washington, D.C. 20036. (202) 223-1977. President: Victor Klee. Term expires January 1973. Secretary: H. L. Adler. Term expires January 1975. Treasurer: E. A. Cameron. Term expires January 1973. Executive Director: A. B. Wilcox.

HISTORY AND ORGANIZATION: Founded December 31, 1915 in Chicago, Illinois. *Geographic Divisions:* Twenty-eight. *Scientific and Technical Committees:* Advancement and Personnel; Assistance to Developing Colleges; Assistance to Sections on Two-Year College Problems; Relations with the American Association for the Advancement of Science; Publications; Secondary School Lecturers; National Awards and Public Representation; Undergraduate Program in Mathematics; Visiting Lecturers; Joint Committee on Employment Opportunities. *Relationship with Other Societies:* Constituent organization of the Conference Board of the Mathematical Sciences.

PURPOSE: To assist in promoting the interests of the mathematical sciences in America, especially in the collegiate field, by holding meetings in any part of the United States or Canada for the presentation and discussion of mathematical papers, by the publication of mathematical papers, journals, books, monographs and reports, by conducting investigations for the purpose of improving the teaching of mathematics, by accumulating a mathematical library and by cooperating with other organizations.

MEMBERSHIP: Individual (18,713), interest in mathematics; Corporate (3), nonacademic institution; Academic (324), academic institution.

MEMBERSHIP SERVICES: Recommendations on curricular questions; mathematical films; career information on mathematics.

MEETINGS: Semiannual (January and August).

PROFESSIONAL ACTIVITIES: *Educational:* Summer institutes for college teachers of mathematics; visiting lecturer series for colleges and secondary schools; annual high school mathematics contest; William Lowell Putnam competition, a mathematics contest at the college level. *Prizes and Awards:* Award for Distinguished Service to Mathematics, may be annual; Chauvenet Prize, may be annual, for a noteworthy expository paper; Lester R. Ford Awards, up to six annually, for a noteworthy expository paper in one of the two publications of the Association.

PUBLICATIONS: *American Mathematical Monthly*, 10 issues per year, current volume: 78, free to members, \$15 (non-members). Editor: Harley Flanders. *Mathematics Magazine*, 5

issues per year, current volume: 44, 53 (members), 54 (nonmembers). Editor: G. N. Wollan. *Carus Monographs*, irregular, current volume: 16, 54 (members), 58 (nonmembers). *Slaughter Memorial Papers*, irregular, current volume: 12, free to members, 52 (nonmembers). *MAA Studies in Mathematics*, irregular, current volume: 7, 54 (members), 58 (nonmembers).

351 MEDICAL AND CHIRURGICAL FACULTY OF THE STATE OF MARYLAND. 1211 Cathedral Street, Baltimore, Md. 21201. (301) 539-0872. President: John F. Schaefer. Term expires May 1972. Secretary: William A. Pillsbury. Term expires May 1972. Treasurer: Karl F. Meck. Term expires May 1972. Executive Director: John Sargeant.

HISTORY AND ORGANIZATION: Incorporated by a special act of the State Legislature in 1799. Outgrowths of Society are present Board of Medical Examiners (a State agency) and the University of Maryland School of Medicine (also a State agency). *Geographic Divisions:* Component societies in 23 counties and Baltimore City. *Scientific and Technical Committees:* Scientific Postgraduate Education; Public Service Projects. *Relationship with Other Societies:* State chapter of the American Medical Association.

PURPOSE: To (1) federate and bring into one society the medical profession of the State of Maryland and to unite with similar societies of other states to form the American Medical Association; (2) extend medical knowledge and advance medical science; (3) elevate the standard of medical education and secure the enactment of just laws relating to medicine and public health; (4) promote the welfare of the citizens of Maryland.

MEMBERSHIP: Active (3,405), Maryland license; Forty-Year (174), Maryland license; Associate (238), M.D.'s not in full time private practice, full time medical school students, resident staff, those with a degree equivalent to M.D. with full time activity in medical sciences, medical officers in service or in the Public Health Service, dentists; Eminent (103), no longer engaged in practice of medicine, or in poor health; Military Service (14).

MEMBERSHIP SERVICES: Legal advice; legislative assistance; ethics and professional conduct advice.

MEETINGS: Annual (May); September.

PROFESSIONAL ACTIVITIES: *Research:* Study of incidence of professional liability actions over the past ten years to ascertain main areas of negligence claims, profile of patient, physician, etc., as well as dollar amount involved; study of library facilities and services throughout Maryland, particularly as they apply to the local community hospital needs. *Educational:* Vernal Symposium; seminars on various subjects such as medical aspects of sports, alcoholism, medicolegal problems, mental health problems (including facilities) and emergency medical services; two days of scientific sessions each at annual and semiannual meetings. *Prizes and Awards:* Community Service Award, annual, physician who has contributed most to his community outside of the field of medicine; Citizens Award, annual, nonphysician who has contributed most to field of medicine; annual award for the best scientific exhibit displayed at annual meeting.

PUBLICATIONS: *Maryland State Medical Journal*, monthly, current volume: 20, 58 (domestic), 510 (foreign). Editor: C. Thomas Flotte.

352 MEDICAL ASSOCIATION OF GEORGIA. 938 Peachtree Street, N.E., Atlanta, Ga. 30309. President: F. G. Eldridge.

Term expires May 1971. Executive Director: Edwin F. Smith. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1849. *Geographic Divisions:* Seventy-five component county medical societies. **PURPOSE:** To promote the science and art of medicine and the betterment of public health.

MEMBERSHIP: Active (3,800), doctor of medicine or osteopathy degree, U.S. citizen, licensed to practice medicine in Georgia, membership in component county medical society; Associate (51), same as Active, but full time with State or County Health Department or full time with medical school faculty; Honorary (1), elected only by official body; Service (100), same as Active, but applies to full-time medical officers with U.S. government.

MEETINGS: Annual.

PROFESSIONAL ACTIVITIES: *Research:* Contractual and fiscal agent for Civilian Health and Medical Program of the Uniformed Services; fiscal grantee for Georgia Regional Medical Program; managing agents for Georgia Medical Care Foundation, Inc. *Educational:* Postgraduate medical education. *Prizes and Awards:* Hardman Award, outstanding work in public health or outstanding scientific attainment in medicine or surgery; Distinguished Service Award, service to the Association and profession; General Practitioner of the Year Award, outstanding service by a general practitioner to patients and community; Scientific Exhibits Awards, outstanding scientific exhibits portraying aspects of medical practice.

PUBLICATIONS: *Journal of the Medical Association of Georgia*, monthly, current volume: 59, 57. Editor: Edgar Woody, Jr.

MEDICAL ASSOCIATION OF MONTANA. See MONTANA MEDICAL ASSOCIATION.

353 MEDICAL ASSOCIATION OF THE STATE OF ALABAMA. 19 South Jackson Street, Montgomery, Ala. 36104. President: O. Emfinger. Term expires April 1971. President-Elect: A. E. Thomas. Secretary-Treasurer: William L. Smith. Term expires April 1971. Executive Secretary: L. P. Patterson. Term indefinite.

HISTORY: Organized 1847. Reorganized 1868.

PURPOSE: To (1) establish a high standard of professional and moral education for medical men; (2) enact wise and just laws for examination of all persons who propose to offer their services for treatment of human diseases; (3) develop a spirit of loyalty to professional ethics.

MEMBERSHIP: Members of county medical societies holding charters from the Association. Total membership 2,513.

MEETINGS: Annual.

PUBLICATIONS: *Journal*, monthly, current volume: 40. *The Alabama M.D.*, weekly, current volume: 7.

354 MEDICAL LIBRARY ASSOCIATION, INC. 919 North Michigan Avenue, Chicago, Ill. 60611. (312) 642-3724. President: Donald Washburn. Term expires June 1971. President-Elect: Bernice M. Hetzner. Secretary: Marie Harvan. Term expires June 1971. Treasurer: Richard A. Davis. Term expires June 1971. Executive Secretary: Helen B. Schmidt. Term indefinite.

HISTORY AND ORGANIZATION: Originated in 1898 as Association of Medical Librarians. Name changed to present title in 1907. Incorporated 1934 in Maryland. *Specialty Divisions:* Dental Libraries; History of Medicine Group; Hospital Libraries; Medical School Libraries; Medical Society Libraries; Mental Health Libraries; Nursing School Libraries; Pharmacy

School Libraries; Research Libraries. *Scientific and Technical Committees:* International Cooperation; Publication; Curriculum; Internships; Scholarships; Federal Legislation; Regional Medical Library Programs; Surveys and Statistics; Medical Library Technician Training; Certification. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science, American Library Association and the Council of National Library Associations.

PURPOSE: To (1) foster medical and allied scientific libraries and the exchange of medical literature among institutional members; (2) improve professional qualifications and status of medical librarians.

MEMBERSHIP: Institutional (882), medical and allied scientific libraries of not less than 1,000 volumes receiving regularly not less than 25 medical or allied scientific serials of good standing, maintaining regular hours and run by qualified attendants; Active (1,774), persons actively engaged in library or bibliographic work in medical or allied scientific fields or who hold this Association's Certificate of Medical Librarianship; Associate (70), persons interested in support of medical or allied scientific libraries; Honorary (10), individuals who have made outstanding contributions to advancement of the purposes of the Association; Student (43), persons enrolled full time in library schools of recognized standing.

MEMBERSHIP SERVICES: Placement; certification; exchange of medical literature; advice on medical library problems.

MEETINGS: Annual (late Spring).

PROFESSIONAL ACTIVITIES: *Research:* Study on goals and structure of the Association; new certification code; survey of medical libraries. *Education:* Continuing education courses; at least one scholarship a year of \$1,500 to encourage recruitment of individuals qualified to make contribution to librarianship; recruitment. *Prizes and Awards:* Murray Gottlieb Prize, best unpublished article written by a medical librarian on the history of American medicine; Ida and George Eliot Award, significant piece of work which will further medical librarianship; Rittenhouse Award, manuscript paper of any student in an Association approved medical library course or a trainee in an Association approved internship program; Janet Doe Lecture on history or philosophy of medicine by speaker selected by Board; Marcia C. Noyes Award to a medical librarian for outstanding achievement in his field.

PUBLICATIONS: *Bulletin of the Medical Library Association*, quarterly, current volume: 58, \$20. Editor: Harold Bloomquist. *Directory of the Medical Library Association*, biennial, free to members, \$50 (nonmembers). *Vital Notes on Medical Periodicals*, 3 issues per year, current volume: 19, \$7.50. Editor: William K. Beatty. *MLA News*, quarterly, current volume: 38, members only.

355 MEDICAL SOCIETY OF DELAWARE. 1925 Lovering Avenue, Wilmington, Del. 19806. (302) 658-7596. President: Rhodys J. Bishoff. Term expires October 1971. President-Elect: William O. LaMotte, Jr. Secretary: Joseph W. Abbiss. Term expires October 1971. Treasurer: Conley L. Edwards. Term expires October 1971. Executive Director: Anne E. Shane.

HISTORY AND ORGANIZATION: Founded 1789 in Dover, Delaware. Incorporated the same year. *Geographic Divisions:* Three component county medical societies. *Scientific and Technical Committees:* Environmental and Public Health; Maternal and Child Care; Venereal Disease; Aging; Drug Abuse; Mental Health and Alcoholism; Rehabilitation; School Health.

Relationship with Other Societies: American Medical Association.

PURPOSE: To promote the science and art of medicine and the betterment of public health.

MEMBERSHIP: Active (494), licensed and registered to practice medicine in Delaware, Active members of component society, of good moral character and professional standing; Associate (1), physicians on duty with armed forces, or in governmental service at any level or engaged in the practice of industrial medicine, or active physicians who are not U.S. citizens; Honorary (23); Affiliate (0), medical students, interns and residents in an accredited educational program recognized by the Society.

MEMBERSHIP SERVICES: Free blood bank membership; legislative representation; representation in prepayment matters; medico-legal screening panel; guidelines for acceptable patterns of practice.

MEETINGS: Annual (September or October).

PROFESSIONAL ACTIVITIES: *Educational:* Continuing education courses; loans for medical students. *Prizes and Awards:* Distinguished Service Award, annual.

PUBLICATIONS: *Delaware Medical Journal*, monthly, current volume: 43, \$10. Editor: Robert B. Flinn.

MEDICAL SOCIETY OF THE STATE OF CALIFORNIA. See CALIFORNIA MEDICAL ASSOCIATION.

356 MEDICAL SOCIETY OF THE STATE OF NORTH CAROLINA. 222 North Person Street, Raleigh, N.C. 27611. (919) 833-3836. President: Charles W. Styron. Secretary: E. H. Estes, Jr. Term expires May 1973. Executive Director: William Hilliard.

HISTORY AND ORGANIZATION: Founded and chartered in 1799. Reorganized 1849. Rechartered 1858. *Geographic Divisions:* Ten districts; eighty-three county and multicounty medical societies. *Specialty Divisions:* Family Practice; Internal Medicine; Ophthalmology and Otolaryngology; Surgery; Pediatrics; Obstetrics-Gynecology; Public Health and Education; Neurology and Psychiatry; Radiology; Pathology; Anesthesiology; Orthopedics; Dermatology; Student American Medical Association. *Scientific and Technical Committees:* Cancer; Child Health; Chronic Illness; Community Health; Comprehensive Health Planning; Disaster Medical Care; Drug Abuse; Marriage and Family Life; Maternal Health; Medical Aspects of Sports; Medical Education; Legislation; Mental Health; Occupational Health; Vocational Rehabilitation. *Relationship with Other Societies:* Component society of the American Medical Association.

PURPOSE: To (1) bring into one compact organization the medical profession of the state; (2) extend medical knowledge and the advancement of medical science; (3) elevate the standards of medical education and medical service; (4) enlighten and inform the people with regard to medical care and public health.

MEMBERSHIP: Active (3,752), licensed to practice medicine in North Carolina, member of component county society; Life (287), exempt for disability or military; Honorary (14), physicians distinguished by their contributions to medical science.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Studies of legal issues, new organizational forms for medical practice, medical foundations and health maintenance organizations. *Educational:* Annual scientific sessions. *Prizes and Awards:* Moore County Award, annual, best paper read at scientific session; George M.

Cooper Award, annual, best paper in preventive medicine, medical on child health at scientific session; Gaston County Award, annual, best audio-visual presentation at scientific session.

PUBLICATIONS: *North Carolina Medical Journal*, monthly, current volume: 32, \$5. Editor: Robert W. Pritchard.

357 THE MEDICAL SOCIETY OF VIRGINIA. 4205 Dover Road, Richmond, Va. 23221. (703) 359-9201. President: James M. Moss. Term expires October 1971. President-Elect: William S. Hotchkiss. Executive Secretary: Robert I. Howard. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1820 in Richmond. Incorporated 1871. *Geographic Divisions:* Ten districts; forty-eight local medical societies. *Scientific and Technical Committees:* Radiology; Pharmacy; Air Pollution; Child Health; Industrial Health; Maternal Health; Medical Aspects of Sports; Rehabilitation; Mental Health; Rural Health; Conservation of Sight; Conservation of Hearing; Venereal Disease Control; Heart; Cancer; Stroke. *Relationship with Other Societies:* Constituent society of the American Medical Association.

PURPOSE: To promote the science and art of medicine, the protection of public health and the betterment of the medical profession.

MEMBERSHIP: Active (3,300), members in good standing of component society; Associate (350), medical officers of armed forces temporarily in Virginia, physicians attached to the Veterans Association, Active members who move out of state; Courtesy (50), interns and residents of approved hospitals.

MEMBERSHIP SERVICES: Liaison with Congress and the Virginia General Assembly; Medico-Legal Screening Panel for malpractice cases in cooperation with the Virginia State Bar.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* Medical Services Survey to study physicians' daily activities and determine the proper role of physicians' assistants and other ancillary personnel. *Educational:* Eight \$500 scholarships annually to Virginia's two medical schools; Annual Meeting Scientific Program; selected conferences; continuing education courses. *Prizes and Awards:* Special Community Service Plaque, annual; Medallion of Merit; Certificate of Distinguished Service, valuable contributions to medicine in Virginia.

PUBLICATIONS: *Virginia Medical Monthly*, monthly, current volume: 98, \$4. Editor: Harry J. Warthen.

MEDICAL WOMEN'S NATIONAL ASSOCIATION. See AMERICAN MEDICAL WOMEN'S ASSOCIATION, INC.

358 THE METALLURGICAL SOCIETY OF AMERICAN INSTITUTE OF MINING, METALLURGICAL, AND PETROLEUM ENGINEERS. 345 East 47th Street, New York, N.Y. 10017. (212) 752-6800. President: Charles R. Taylor. Term expires February 1972. President-Elect: David Swan. Treasurer: Carleton C. Long. Term indefinite. Executive Secretary: Charles Moore.

HISTORY AND ORGANIZATION: Established in 1871 as the American Institute of Mining Engineers. Metals Branch of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) founded in 1947. Name changed to present title in 1957. *Specialty Divisions:* Extractive Metallurgy; Iron and Steel Institute; Institute of Metals. *Scientific and Technical Committees:* Extractive Metallurgy Division—Copper, Nickel and Precious Metals; Electrolytic Processes; High Temperature Metals; Hydrometallurgy; Lead, Zinc and Tin;

Light Metals; Physical Chemistry; Phrometallurgy; Refractories; Uranium, Rare Earth and Minor Metals. Iron and Steel Institute—Ironmaking; Mechanical Working; National Open Hearth and Basic Oxygen Steel; Electric Furnace; Physical Chemistry of Steelmaking. Institute of Metals Division—Alloy Phases; Chemistry and Physics of Metals; Corrosion Resistant Metals; Dental and Medical Materials; Electrical and Magnetic Materials; Electronic Materials; Ferrous Metallurgy; Heat Treatment; High Temperature Alloys; Nonferrous Metallurgy; Powder Metallurgy; Refractory Metals; Shaping and Forming; Solidification; Structural Materials; Titanium.

PURPOSE: To (1) provide a medium of communication and cooperation among those interested in any phase of metallurgy or materials science and technology, including learning, practicing and advancing science, engineering, economy and technology concerned with metals and materials (both producer and consumer) and encompassing the acquisition or increase in understanding and knowledge of behavior and properties, the manufacturing practices for extracting, refining, producing and fabricating, the development of new or improved metals, alloys and materials, and their application to useful purposes; (2) provide an organization to represent the profession on matters pertaining to education, including the encouragement of interest in and the advancement of education in the broad fields of metallurgical and materials science and engineering; (3) disseminate knowledge and information through the holding of professional meetings, through the preparation, presentation, discussion and publication of technical papers, and through communicating, by any means, other items of interest to the members; (4) promote high standards and unity within the profession.

MEMBERSHIP: Student, full-time undergraduate or postgraduate student in good standing at an approved degree-granting school; Joint Student, member of both the Society and the American Society for Metals, full-time undergraduate or postgraduate student; Junior, under 30 years of age and holding a subordinate engineering position; Associate, engaged in work related to metallurgy and metallurgical engineering and materials science, who by accomplishments or professional standing has attained professional stature in other than the engineering and science of the minerals, metals or petroleum industry, college degree and four years in a responsible position, or six years in a responsible position; Member, over 27 years of age, employed for six years in engineering or application of sciences to any branch of the field, three years of which were in a responsible position; Senior, Member or Associate who has reached 70 years of age and has been a member for 30 years; Fellow, distinction as an eminent authority in some aspect of the field, member of AIME for five consecutive years; Life; Honorary. Total membership 13,709.

MEETINGS: Annual AIME Meeting (February); eight to ten specialty meetings.

PROFESSIONAL ACTIVITIES: *Educational:* Leo F. Reinartz Scholarship. *Prizes and Awards:* Fellows of the Metallurgical Society of AIME; Robert Lansing Hardy Gold Medal; Extractive Metallurgy Division Science Award; Extractive Metallurgy Division Technology Award; Extractive Metallurgy Division Lecture; Mathewson Gold Medal; Institute of Metals Division Lecture; Robert W. Hunt Award; J. E. Johnson, Jr. Award; Howe Memorial Lecture; Frank B. McKune Award; Open Hearth Conference Award; Charles H. Herty, Jr. Award; Ironmaking Conference Award; Joseph Becker Award; T. L. Joseph Award; Electric Furnace Conference Award.

PUBLICATIONS: *Journal of Metals*, monthly, \$10

(nonmembers). Editor: F. Weston Starratt. *Metallurgical Transactions*, monthly. *Open Hearth Proceedings*, annual. *Ironmaking Proceedings*, annual. *Electric Furnace Proceedings*, annual.

359 METRIC ASSOCIATION, INC. 2004 Ash Street, Waukegan, Ill. 60085. (312) 623-2212. President: Louis F. Sokol. Term expires December 1972. Secretary: Richard W. Mattoon. Term expires December 1972. Treasurer: Fred J. Helgen. Term expires December 1972.

HISTORY AND ORGANIZATION: The American Metric Association was founded December 27, 1916 in New York, New York. On December 3, 1922 the name was changed to the Metric Association. Incorporated December 1945 in Washington, D.C. *Geographic Divisions:* Two. *Scientific and Technical Committees:* Food and Agriculture; Architecture and Construction; Publicity; Science Education. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To promote increased use of the metric system of units in American schools, commerce and industry, with the object of complete metrication of the United States economy.

MEMBERSHIP: Individual (1,200); Corporate (12); Sustaining (2).

MEMBERSHIP SERVICES: Article reference; technical assistance in measurement problems.

MEETINGS: Annual (late December).

PROFESSIONAL ACTIVITIES: Research: Metric handbook for hospitals; metric handbook for editors.

PUBLICATIONS: *Metric Association Newsletter*, quarterly, current volume: 6, \$2. Editor: Louis F. Sokol.

METROPOLITAN MICROCHEMICAL SOCIETY. See THE AMERICAN MICROCHEMICAL SOCIETY.

MICHIGAN ACADEMY. See MICHIGAN ACADEMY OF SCIENCE, ARTS, AND LETTERS.

MICHIGAN ACADEMY OF SCIENCE. See MICHIGAN ACADEMY OF SCIENCE, ARTS, AND LETTERS.

360 MICHIGAN ACADEMY OF SCIENCE, ARTS, AND LETTERS. 2117 Washtenaw, Ann Arbor, Mich. 48104. (313) 763-1204. President: George G. Mallinson. Term expires April 1971. President-Elect: John Cantlon. Secretary: Gorton Riethmiller. Term expires April 1971. Executive Director: Thomas G. Overmire.

HISTORY AND ORGANIZATION: The Michigan Academy was founded in 1894 by a group of 60 faculty members at the University of Michigan and Michigan State University. In 1899 it became known as the Michigan Academy of Science. In 1921 the terms Arts and Letters were added to the title of the Michigan Academy and its province broadened to disciplines in those genre. *Specialty Divisions:* American Studies; Anthropology; Asian Studies; Botany; Economics; Fine Arts; Fisheries and Wildlife; Folklore; Forestry; Geography; Geology-Mineralogy; History; Landscape-Architecture; Language and Literature; Law; Medical Sciences; Philosophy; Physical Science; Political Science; Psychology; Religious Studies; Russian and East European Studies; Sociology; Zoology; Communication Arts; Public Administration. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To promote scholarship and research, diffuse

knowledge and improve the scholarly climate all primarily within the State of Michigan, by expanding opportunities for exchanges between creative and interested people.

MEMBERSHIP: Individual, interested scholars; Sustaining; Patron; Institutional; Corporate.

MEETINGS: Annual (March or April).

PROFESSIONAL ACTIVITIES: Research: Conference on the Doctor of Arts Degree; Conference on Teaching Biology in Two-Year Colleges. *Prizes and Awards:* Fine Arts Medal, annual, original work by a Michigan artist; Academy Citation, annual, scholarly achievement by those working in an environment lacking in opportunity or under other difficult circumstances.

PUBLICATIONS: *The Academy Letter*, monthly, current volume: 2, free to members. Editor: Jeanne Tashian. *Michigan Academician*, quarterly, free to members, \$8 (nonmembers). Editor: Thomas G. Overmire.

361 THE MICHIGAN ENTOMOLOGICAL SOCIETY. c/o Department of Entomology, Michigan State University, East Lansing, Mich. 48823. (517) 373-3930. President: Julian P. Donahue. Term expires May 1971. President-Elect: Richard J. Snider. Executive Secretary: Mogens C. Nielsen. Term expires May 1971.

HISTORY AND ORGANIZATION: Founded 1954 in East Lansing, Michigan. *Geographic Divisions:* Four branches.

PURPOSE: To (1) promote the science of entomology in all its branches and by all feasible means; (2) advance cooperation and good fellowship among persons interested in entomology.

MEMBERSHIP: Active (450); Honorary (2); Institutional (5); Student (48); Sustaining (12).

MEMBERSHIP SERVICES: Annual field trip; directory of members.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: Educational: Newsletter is sent gratis to some 140 Michigan high school libraries and/or science classes.

PUBLICATIONS: *The Michigan Entomologist*, quarterly, current volume: 4, \$6. Editor: Ronald S. Wilkinson. *Newsletter of the Michigan Entomological Society*, quarterly, current volume: 15, free to members. Editor: Mogens C. Nielsen.

362 MICHIGAN STATE PHARMACEUTICAL ASSOCIATION. 1812 Michigan National Tower, Lansing, Mich. 48933. (517) 484-1466. President: Robert M. Lambert. Term expires June 1971. President-Elect: Maurice Q. Bechtel. Treasurer: Richard J. Dillon. Term expires June 1971. Executive Director: Louis M. Sesti.

HISTORY AND ORGANIZATION: Founded 1883 in Lansing, Michigan. Incorporated 1943. *Geographic Divisions:* Twenty-nine. *Scientific and Technical Committees:* Pharmaceuticals; Drug Addiction, Referral and Education; Pharmaceutical Education; Public Affairs; Governmental Affairs; Professional Affairs; Ethics and Grievances. *Relationship with Other Societies:* Affiliated with the American Pharmaceutical Association.

PURPOSE: To (1) improve and promote public health; (2) foster and encourage interprofessional relations; (3) improve the science and art of pharmacy for the general welfare of the public; (4) support a system of licensure and registration of pharmacists which will assure to the public the availability of competent personnel to discharge the accepted functions of the practice of pharmacy; (5) gain enactment of legislation favorable to the advancement of the public health and the

profession of pharmacy and protect the public health by opposing objectionable forms of pharmaceutical and public health legislation; (6) assist in providing a system of academic education and professional training in the science and art of pharmacy; (7) assist in interesting qualified personnel to select pharmacy as a career; (8) enforce the code of ethics which will assure to the public the highest type of pharmaceutical service.

MEMBERSHIP: Active (2,827), any pharmacist of good professional standing who is an active member of the American Pharmaceutical Association; Sustaining (62), anyone ineligible for Active membership but interested in advancing the interests of pharmacy and a member of a firm or corporation directly affiliated with the profession of pharmacy; Honorary (72), fifty-year certificate or outstanding service to the profession of pharmacy; Study (365), any undergraduate or graduate student regularly enrolled in any accredited school or college of pharmacy in Michigan.

MEMBERSHIP SERVICES: Literature and films; liaison with state government and government health programs; employer-employee relations commission; public relations; interprofessional relations.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research:* Economic surveys of prescription fees, professional compensation, etc.; pharmacy pre-payment studies; survey on attitudes on organizational management. *Educational:* Continuing education and workshop conferences; educational programs on drug use and misuse; consumer information division. *Prizes and Awards:* Science fair awards.

PUBLICATIONS: *Michigan Pharmacist*, monthly, current volume: 9, \$2.50 (members), \$5 (nonmembers). Editor: Louis M. Sesti. *Local Association Newsletter*, monthly, current volume: 10. Editor: R. Thomas Cook.

363 MINERALOGICAL SOCIETY OF AMERICA. 2201 M Street, N.W., Washington, D.C. 20037. (202) 296-7950. President: Julian R. Goldsmith. Term expires November 1971. Secretary: Arnulf Muan. Term expires November 1971. Treasurer: Alvin Van Valkenburg, Jr. Term expires November 1972. Office Manager: Anne Irvin.

HISTORY AND ORGANIZATION: Established December 30, 1919 at Harvard University. In December 1920 a close affiliation with the Geological Society of America was adopted. *Scientific and Technical Committees:* Represented on International Mineralogical Association Commissions on Abstracts, Cosmic Mineralogy, Data, Museums, New Minerals and Mineral Names, Ore Microscopy and Teaching. *Relationship with Other Societies:* Represented in the International Mineralogical Association, the Earth Sciences Division of the National Research Council and the American Crystallographic Association; annual meeting of the Society is concurrent with that of the Geological Society of America.

PURPOSE: To (1) advance mineralogy, crystallography and petrology; (2) promote their use in other sciences and in industry.

MEMBERSHIP: Honorary Fellow (9), distinguished for attainments in mineralogy, crystallography, petrology or allied sciences; Fellow (509), Member who has contributed significantly to the advancement of mineralogy, crystallography or petrology; Member (2,161), interested in mineralogy, crystallography or petrology.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Roebling Medal, annual, highest award given specifically for outstanding

original scientific research; Mineralogical Society of America Award, annual, outstanding contribution within the fields of interest of the Society by person under 35 years of age.

PUBLICATIONS: *The American Mineralogist*, 6 issues per year, current volume: 56, \$15 (nonmembers). Editor: William T. Holser.

364 MINNESOTA ACADEMY OF SCIENCE. 3100 38th Avenue South, Minneapolis, Minn. 55406. (612) 721-3391. President: Curtis D. Motchenbacher. Term expires June 1971. President-Elect: L. D. Frenzel, Jr. Secretary-Treasurer: Eugene D. Gennaro. Term expires June 1971. Executive Director: M. I. Harrigan.

HISTORY AND ORGANIZATION: Founded January 6, 1873 at the University of Minnesota. Incorporated October 22, 1937 in Minnesota. *Specialty Divisions:* Anthropology; Biochemistry; Botany; Earth Science; Economic Sciences; Geography; History and Philosophy of Science; Medical Science; Physics Teachers Association; College Chemistry Teachers; Environmental Information; Science Teachers Association; Natural and Scientific Areas; Political Science; Science Education; Sigma Delta Epsilon; Sociology; Zoology. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; sponsors the Minnesota Junior Academy of Science.

PURPOSE: To (1) provide an organization for persons interested or engaged in science, especially in the State of Minnesota, to hold meetings for the presentation and discussion of scientific matters; (2) advance pure and applied science by fostering research, education and understanding; (3) publish scientific papers; (4) stimulate interest and encourage activity in science among students of secondary schools through the Junior Academy of Science and to sponsor science fairs; (5) promote and sponsor conservation activities within the State.

MEMBERSHIP: Open to anyone interested or engaged in advancing research, education and understanding of science. Total membership over 1,400.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsors science fairs for high school students; visiting scientist program; Summer Science Show; State Fair Exhibition; Junior Science, Engineering and Humanities Symposium; youth congresses.

PUBLICATIONS: *Journal of the Minnesota Academy of Science*, irregular, current volume: 36, \$5. Editor: Angelo Cohn.

MINNESOTA HISTORICAL SOCIETY. See FOREST HISTORY SOCIETY, INC.

365 MISSISSIPPI STATE MEDICAL ASSOCIATION. 735 Riverside Drive, Jackson, Miss. 39216. (601) 354-5433. President: Paul B. Brumby. Term expires May 1971. President-Elect: Arthur E. Brown. Secretary-Treasurer: Raymond S. Martin, Jr. Term expires May 1973. Chairman Board of Trustees: Mal S. Riddel, Jr. Term expires May 1971. Executive Secretary: Rowland B. Kennedy.

HISTORY AND ORGANIZATION: Established April 20, 1869 in Jackson, Mississippi. Incorporated 1895. *Geographic Divisions:* Eighteen component societies. *Specialty Divisions:* Obstetrics-Gynecology; Surgery; Medicine; General Practice; Preventive Medicine; Pediatrics; Eye, Ear, Nose and Throat. *Scientific and Technical Committees:* Councils on Committees on Medical Service, Scientific Assembly and Medical Education; Committees on Maternal and Child Care, Occupational Health, Blood and Blood Banking, Medicine and Religion.

Relationship with Other Societies: Component state society of the American Medical Association.

PURPOSE: To (1) federate and bring into one compact organization the entire medical profession of the State of Mississippi and unite with similar associations in other states to form the American Medical Association with a view toward the extension of medical knowledge and the advancement of medical science; (2) elevate the standard of medical education (3) enact and enforce just medical laws; (4) promote friendly intercourse among the physicians and guard and foster their opinion in regard to the great problems of medicine so that the profession shall become more honorable and capable within itself and more useful to the public in the prevention and care of disease, and in the prolonging of and adding comfort to life; (5) promote scientific medical research and practice.

MEMBERSHIP: Active (1,349), licensed doctors of medicine in Mississippi, members in good standing of component societies; Emeritus (68), Active member for ten consecutive years, permanently retired from practice of medicine; Exempt (34); Associate (4), commissioned medical officers not licensed in state, medical school faculties, interns and residents.

MEMBERSHIP SERVICES: Keogh retirement plan; legislative program.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Membership surveys on various subjects; maternal death studies. *Educational:* Post-graduate refresher medical courses. *Prizes and Awards:* Annual award for scientific exhibits.

PUBLICATIONS: *Journal of the Mississippi State Medical Association*, monthly, current volume: 12, \$7.50. Editor: W. Moncre Dabney.

MISSISSIPPI VALLEY MEDICAL EDITORS' ASSOCIATION. SEE AMERICAN MEDICAL WRITERS ASSOCIATION.

366 MISSOURI ACADEMY OF SCIENCE. *Address communications to:* Robert G. Combs, Secretary, 206 Electrical Engineering, University of Missouri, Columbia, Mo. 65201. (314) 449-9155. President: Harley D. Rutledge. Term expires April 1972. President-Elect: Daniel F. Milikan. Secretary: Robert G. Combs. Term expires April 1974. Treasurer: Frank X. Hasselberger. Term expires April 1974.

HISTORY AND ORGANIZATION: Founded 1934. Incorporated August 14, 1934. Its affairs disrupted during World War II, the Academy underwent a revival in 1963. *Specialty Divisions:* Agriculture; Biology; Dentistry; Entomology; Medicine; Environmental Science; Science Education; Chemistry; Engineering; Geology; Mathematics; Physics; Economics; Geography; Linguistics; Political Science; Psychology; Oncology; Sociology and Anthropology. *Relationship with Other Societies:* The Science Teachers of Missouri and the Missouri Junior Academy of Science and affiliates.

PURPOSE: To (1) promote the diffusion of scientific knowledge and the scientific spirit and to encourage the cooperation of scientists in Missouri; (2) foster public interest in scientific problems and programs; (3) stimulate the development of and participation by student scientists; (4) provide a forum for presentation of original research and a vehicle for publication of scientific material of special interest to the people of Missouri.

MEMBERSHIP: Regular (631); Student (81), graduate students; Life (4).

MEETINGS: Annual (April); Oncology Section (April).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsor (advise)

Missouri Junior Academy of Science meetings. *Prizes and Awards:* College undergraduate awards, annual, cash and certificates, six awards for best papers in physical science, biological science and social science; high school senior awards, annual, cash and certificates, up to six awards for best papers in physical and biological science.

PUBLICATIONS: *Transactions of the Missouri Academy of Science*, annual, current volume: 3, \$2. Editor: David B. Dunn.

367 MISSOURI ARCHAEOLOGICAL SOCIETY, INC. 15 Switzler Hall, University of Missouri, Columbia, Mo. 65201. (314) 449-9688. President: Henry W. Hamilton. Secretary: Carl H. Chapman. Treasurer: David R. Evans.

HISTORY AND ORGANIZATION: Founded December 1934 in Columbia, Missouri. Incorporated 1955. *Geographic Divisions:* Seven. *Scientific and Technical Committees:* Preservation of Sites.

PURPOSE: To (1) preserve the remains of prehistoric people of Missouri; (2) study these remains scientifically and publish information about them; (3) provide amateur and professional archaeologists with opportunities to discuss their common interests; (4) arouse public opinion in the appreciation of Missouri's antiquities.

MEMBERSHIP: Associate (23); Active (444); Participating (390); Supporting (153); Contributing (17); Life (60); Sustaining (1); Benefactor (1); Institutional and Exchange (264). Open to anyone with a genuine interest in archaeology and in the purposes of the Society.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Research grant to the University of Missouri.

PUBLICATIONS: *Missouri Archaeologist*, annual, current volume: 32, free to members. Editor: Robert T. Bray. *Memoir of the Missouri Archaeological Society*, annual, current volume: 7, free to members. Editor: Carl H. Chapman. *Research Series*, annual, current volume: 7, free to members. Editor: W. Raymond Wood. *Missouri Archaeological Society Newsletter*, ten issues per year, current volume: 248, free to members. Editor: David R. Evans.

368 MONTANA ACADEMY OF SCIENCES. University of Montana, Missoula, Mont. 59801. (406) 243-2071. President: William Hoheisel. Term expires July 1971. President-Elect: C.J.D. Brown. Executive Secretary: R. E. Juday.

HISTORY AND ORGANIZATION: Founded 1940 in Great Falls, Montana. Incorporated 1965 in Montana. *Specialty Divisions:* Physical Sciences; Math-Statistics; Biological Sciences; Microbiology; Social Sciences; Teaching of Science. *Relationship with Other Societies:* The Montana Psychology Association is an affiliate.

PURPOSE: To (1) encourage interest and participation in the sciences; (2) promote public understanding of science and its contributions to society.

MEMBERSHIP: Regular (150); Student (30).

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* High school research grants.

PUBLICATIONS: *Proceedings of the Montana Academy of Sciences*, annual, current volume: 30, \$2. Editor: Junius Larsen.

369 MONTANA MEDICAL ASSOCIATION. P.O. Box 1692, Billings, Mont. 59103. (406) 252-6673. President: Richard L.

Peterson. Term expires September 1971. President-Elect: John Pfaff, Jr. Secretary-Treasurer: Robert P. Yost. Term expires September 1971. Executive Secretary: L. Russell Hegland. Term indefinite.

HISTORY AND ORGANIZATION: Founded January 29, 1879 as the Medical Association of Montana. Name changed to present title in 1951. Incorporated January 1951 in Montana. *Geographic Divisions:* Fourteen component medical societies. *Scientific and Technical Committees:* Accident Prevention; Blood and Tissues; Continuing Medical Education; Inter-professional Relations; Legislation; Maternal and Perinatal Welfare; Mediation; Medical Ethics; Medical Service; Professional Liability; Public Health and Well-Being; Public Relations; Rocky Mountain Medical Conference; Scientific Sessions; Voluntary Health Agencies. *Relationship with Other Societies:* Constituent of the American Medical Association.

PURPOSE: To (1) promote and advance the science and art of medicine; (2) unite the medical profession; (3) promote public health.

MEMBERSHIP: Active (601), member of component medical society, licensed to practice medicine in Montana; Associate (54), retired member of component society or in postgraduate or residency training or on active duty in armed services; Honorary (4), elected by House of Delegates for distinguished services or attainment in medicine.

MEETINGS: Annual (Fall); Interim (Spring).

PUBLICATIONS: *Rocky Mountain Medical Journal*, monthly, current volume: 68, \$7. Editor: Donald G. Derry. *Bulletin*, monthly, current volume: 26. Editor: L. Russell Hegland.

370 MYCOLOGICAL SOCIETY OF AMERICA. *Address communications to:* Robert L. Shaffer, Secretary-Treasurer, University of Michigan Herbarium, Ann Arbor, Mich. 48104, (313) 764-2432. President: Richard P. Korf. Term expires August 1971. President-Elect: Robert W. Lichtwardt. Secretary-Treasurer: Robert L. Shaffer. Term expires August 1971.

HISTORY AND ORGANIZATION: Founded in 1931 in New Orleans, Louisiana as an outgrowth of the Mycological Section of the Botanical Society of America. Incorporated 1966 in the District of Columbia. *Scientific and Technical Committees:* Medical Mycology; Nomenclature; Education. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences; affiliated society of the American Association for the Advancement of Science. The Boston Mycological Club, Le Cercle des Mycologues Amateurs de Quebec, North American Mycological Association, Oregon Mycological Society, Inc. and Le Societe Mycologique de France are affiliates.

PURPOSE: To promote and advance the science of mycology.

MEMBERSHIP: Regular (1,202); Life (18), determined by Society's Council; Corresponding (7), elected by membership; Emeritus (23), at least ten years as a Regular member, retired from professional work, approved by Council; Sustaining (21); Affiliated Society (5); Associate (26); Patron.

MEETINGS: Annual (late August or early September).

PROFESSIONAL ACTIVITIES: *Educational:* Mycology guidebook for use primarily by college teachers of mycology and biology; guidance brochure titled *A Career in Mycology*; Annual Graduate Fellowship in Mycology for scholastic merit, research ability and promise as a future mycologist, \$750. *Prizes and Awards:* Annual Lecturer, eminent mycologist; Graduate Prize, annual, to student presenting paper at annual meeting.

PUBLICATIONS: *Mycologia* (published in cooperation with the New York Botanical Garden), bimonthly, current volume: 63,

516 (nonmembers). Editor: Richard K. Benjamin. *MSA News-letter*, semiannual, current volume: 22, members only. Editor: John G. Palmer. *Mycologia Memoirs*, irregular. Editor: R. T. Hanlin. *Membership Directory*, biennial or triennial.

NATIONAL ACADEMY OF ENGINEERING. See NATIONAL ACADEMY OF SCIENCES (NAS)—NATIONAL ACADEMY OF ENGINEERING (NAE)—NATIONAL RESEARCH COUNCIL (NRC).

371 NATIONAL ACADEMY OF SCIENCES (NAS)—NATIONAL ACADEMY OF ENGINEERING (NAE)—NATIONAL RESEARCH COUNCIL (NRC). 2101 Constitution Avenue, N.W., Washington, D.C. 20418. (202) 393-8100. President, NAS: Philip Handler. Term expires June 1975. Home Secretary, NAS: Allen V. Astin. Term expires June 1975. President, NAE: Clarence Linder. Term expires May 1974. Executive Officer, NAS—NRC: John S. Coleman. Term indefinite. Executive Secretary, NAE: J. H. Mulligan, Jr. Term indefinite.

HISTORY AND ORGANIZATION: The National Academy of Sciences was chartered as a private, nonprofit corporation by Act of Congress, signed by President Lincoln on March 3, 1863. The Council of the NAS, which is responsible for the general conduct of Academy affairs, is composed of the five elected officers of the Academy and twelve other members elected by the Academy. The National Academy of Engineering was established under the charter of NAS in December 1964 as a parallel organization of distinguished engineers, autonomous in its administration and in the selection of members, and sharing with the Academy of Sciences its responsibility for advising the federal government. The Council of NAE is composed of the President and Vice President, the President of NAS and twelve members of NAE Elected by the membership. Coordination between the two Academies is effected through *ex officio* membership of the President of NAS on the Executive Committee of the Council of the Academy of Engineering and *ex officio* representation of each Academy on the Governing Board of the Research Council. The NAE Articles of Organization also specify that, in responding to the Congress and in matters involving other countries, the NAE shall work closely with the NAS. In 1916, President Wilson requested the NAS to organize the research resources of the country, both because of the impending war and because of the importance of developing and utilizing science more effectively in peacetime. Accordingly, the National Research Council was established as a means through which scientists and engineers generally could associate their efforts with those of the limited membership of the NAS in service to the nation, society, and science. The Research Council now serves as the operating arm of both the NAS and the NAE. In addition, the NRC Office of Scientific Personnel deals with particular problems in its areas of interest, and the Foreign Secretary and his Office serve both Academies and the NRC in their international interests. *Specialty Divisions:* NAS Sections—Mathematics; Astronomy; Physics; Engineering; Chemistry; Geology; Botany; Zoology; Physiology; Microbiology; Anthropology; Psychology; Geophysics; Biochemistry; Applied Biology; Applied Physical and Mathematical Sciences; Medical Sciences; Genetics. NRC Divisions—Behavioral Sciences; Biology and Agriculture; Chemistry and Chemical Technology; Earth Sciences; Engineering; Mathematical Sciences; Medical Sciences; Physical Sciences. *Scientific and Technical Committees:* There are over 350 active com-

mittees within the two Academies and the Research Council. These committees are composed of individuals serving voluntarily on a part-time basis.

PURPOSE: To (1) promote science and engineering and their applications to human welfare; (2) investigate and report upon any subject of science or technology whenever called upon by the government.

MEMBERSHIP: NAB – Member (900), election by members; Emeritus (9), granted by Council; Foreign Associate (117), election by members. NAE – Member (356), election by members. NRC – Member (approximately 400), appointment by President of NAS.

MEETINGS: NAS – Semiannual (April and Fall). NAE – Semiannual (Spring and Fall). NRC – Annual (March).

PROFESSIONAL ACTIVITIES: Research: Neither the two Academies nor the Research Council maintain laboratories, but seek to stimulate and further the work of individual scientists and engineers and to coordinate investigations dealing with broad problems in research, both nationally and internationally. These purposes are carried out through a variety of means, including conferences and symposia, committee deliberations, surveys, collection and collation of scientific and technical data, the sponsorship of scientific publications and research organizations, and the administration of public and private funds for research projects and fellowships. *Educational:* The Office of Scientific Personnel evaluates applications for associates in government laboratories and for National Science Foundation fellowship programs. In addition, the NRC administers funds for overseas travel to meetings and other activities which further international cooperation in science. *Prizes and Awards:* NAS – Alexander Agassiz Medal, triennial, gold medal and honorarium, outstanding original contribution in the science of oceanography; John J. Carty Medal, triennial, gold medal and honorarium, noteworthy and distinguished accomplishments in any field of science coming within the scope of the Academy's charter; Cyrus B. Comstock Prize, cash award, quinquennial, most important discovery or investigation in electricity, magnetism or radiant energy; Henry Draper Medal, triennial, gold medal and honorarium, outstanding research in astronomical physics; Daniel Giraud Elliot Medal, gold medal and honorarium, most meritorious work in zoology or paleontology published in a three-five year period; Jessie Stevenson Kovalenko Medal, triennial, gold medal and honorarium, important contributions to medical science; Public Welfare Medal, triennial, gold medal and honorarium, eminence in the application of science to the public welfare; J. Lawrence Smith Medal, triennial, gold medal and honorarium, outstanding investigations of meteoric bodies; Mary Clark Thompson Medal, triennial, gold medal and honorarium, most outstanding services to geology and paleontology; U.S. Steel Foundation Award, cash award, annual, recent notable discovery in the field of molecular biology by a young scientist; Charles Doolittle Walcott Medal, quinquennial, bronze medal and honorarium, outstanding published researches, explorations, and discoveries in pre-Cambrian or Cambrian life and history; James Craig Watson Medal, triennial, gold medal and honorarium, contributions to the sciences of astronomy. NAE – Founders Medal and Lectureship, annual, gold medal and bronze medal, outstanding contributions to engineering.

PUBLICATIONS: *Proceedings of the National Academy of Sciences*, monthly, current volume: 68, \$35. Editor: John T. Edsall. *Fire Research Abstracts and Reviews*, triannual, current volume: 41, free. Editor: Robert M. Fristrom. *Artificial Limbs*, semiannual, free. Editor: A. Bennett Wilson, Jr. *News Report*,

ten issues per year, current volume: 21, free. Editor: Gerald S. Schatz. *ILAR News*, quarterly, current volume: 14, free. Editors: R. H. Yager, C. B. Frank. *Biographical Memoirs*, irregular, current volume: 41, \$5. *Annual Report National Academy of Sciences – National Academy of Engineering – National Research Council*, annual, \$1.25. Editor: Virginia Hawkins. *Organization and Members*, annual, free. Editor: Virginia Hawkins. *Highway Research Abstracts*, monthly, current volume: 41, \$5. Editor: Stephen Montgomery. *Highway Research News*, quarterly, current volume: 42, \$5. Editor: Hugh M. Gillespie. *Highway Research Board Bibliography*, irregular, current volume: 52. Editor: Stephen Montgomery. *HRB Record*, irregular. Editor: Stephen Montgomery. *National Cooperative Highway Research Program Report*, irregular, current volume: 111. Editor: Herbert Orland. *HRB Special Report*, irregular, current volume: 115. Editor: Stephen Montgomery. *National Cooperative Highway Research Program Synthesis of Practice*, irregular, current volume: 6. Editor: Herbert Orland.

NATIONAL ASSOCIATION OF ACADEMIC TEACHERS OF PUBLIC ADDRESS. See SPEECH COMMUNICATION ASSOCIATION.

NATIONAL ASSOCIATION OF AUDUBON SOCIETIES FOR THE PROTECTION OF WILD BIRDS AND ANIMALS. See NATIONAL AUDUBON SOCIETY, INC.

372 NATIONAL ASSOCIATION OF BIOLOGY TEACHERS, INC. 1420 N Street, N.W., Washington, D.C. 20005. (202) 667-8268. President: H. Bentley Glass. Term expires December 1971. President-Elect: Claude A. Welch. Treasurer: Helen W. Boyd. Term expires December 1972. Executive Secretary: Jerry P. Lightner.

HISTORY AND ORGANIZATION: Founded in 1938 as the National Association of Biology Teachers (NABT). Incorporated 1956 in Illinois. Washington office established in 1965. *Geographic Divisions:* Nine. *Scientific and Technical Committees:* Biology and Society; Excellence in Biology Education; Academic Freedom. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; adherent society of the American Institute of Biological Sciences.

PURPOSE: To (1) facilitate the dissemination of biological knowledge; (2) encourage scientific thinking and the utilization of the methods of science through the teaching of biology; (3) make available to teachers information concerning the selection, organization and presentation of biological materials; (4) stress the interrelationships of biology to other sciences; (5) work for the improvement of professional qualifications of those teaching biology.

MEMBERSHIP: Active (8,450), teacher of biology at elementary, secondary or collegiate level; Student (440), full-time student at collegiate level, either undergraduate or graduate; Honorary (9), elected by Board of Directors for distinguished career in biology or education.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Nine annual three-day regional seminars in biology. *Prizes and Awards:* Outstanding Biology Teacher Award Program, to select an outstanding teacher of biology in each of the 50 states; NABT-Bausch and Lomb Writing Award, annual, \$1,000, most significant paper in the area of biology education in two-year colleges.

PUBLICATIONS: *The American Biology Teacher*, monthly, current volume: 33, \$10. Editor: Jack Carter. *NABT News and*

Views, bimonthly, current volume: 15, \$5. Editor: Jerry P. Lightner.

NATIONAL ASSOCIATION OF CEMENT USERS. See AMERICAN CONCRETE INSTITUTE.

NATIONAL ASSOCIATION OF CHIROPODISTS. See AMERICAN PODIATRY ASSOCIATION.

373 NATIONAL ASSOCIATION OF CORROSION ENGINEERS. 2400 West Loop South, Houston, Tex. 77027, (713) 622-8980. President: J. F. Williams. Term expires March 1972. Executive Secretary: T. J. Hull. Term indefinite. Treasurer: J. P. Barrett. Term expires March 1972.

HISTORY AND ORGANIZATION: Established October 1943. Incorporated October 8, 1945 in Texas. *Geographic Divisions:* Six regions; sixty sections. *Scientific and Technical Committees:* Technical Practices; Corrosion Research; Corrosion Education.

PURPOSE: To (1) promote scientific research in the prevention of corrosion, thereby curtailing economic waste and conserving natural resources; (2) provide forums and media through which experiences with corrosion and its prevention may be reported, discussed and published for the common good; (3) encourage special study and research to determine the fundamental causes of corrosion and develop new or improved techniques for its prevention; (4) correlate study and research on corrosion problems among technical associations to reduce duplication and increase efficiency; (5) promote standardization of terminology, techniques, equipment and design in corrosion control; (6) contribute to industrial and public safety by promoting the prevention of corrosion as a cause of accidents; (7) foster cooperation between individual operators of plant and structures in the joint solution of common corrosion problems; (8) invite a wide diversity of membership, thereby insuring reciprocal benefits between industries and governmental groups as well as between individuals and corporations.

MEMBERSHIP: Open to anyone interested in the prevention and control of corrosion. Member (6,743); Student (65); Sustaining (246).

MEETINGS: Annual (March); Annual Regional Conferences (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Grants-in-aid to universities for the purpose of seeding corrosion research. *Educational:* Ten annual corrosion short courses; basic corrosion course. *Prizes and Awards:* Frank Newman Speller Award, annual, the development or improvement of a method, apparatus or material by which the control of corrosion is facilitated or made less costly; Willis Rodney Whitney Award, annual, the development of a more satisfactory theory which contributes to a more fundamental understanding of corrosion phenomena; Citation of Recognition Award, outstanding service in the development and improvement of the Association.

PUBLICATIONS: *Corrosion*, monthly, current volume: 27, \$15 (U.S., Canada, Mexico), \$20 (foreign). Editor: M. G. Fontana. *Materials Protection and Performance*, monthly, current volume: 10, \$7.50 (domestic), \$15 (foreign). Editor: E. C. Greco. *Corrosion Abstracts*, bimonthly, \$40 (members), \$70 (libraries and foreign). Editor: W. Taylor Hunt.

NATIONAL ASSOCIATION OF DENTAL FACULTIES. See AMERICAN ASSOCIATION OF DENTAL SCHOOLS.

NATIONAL ASSOCIATION OF DIRECTORS OF EDUCATIONAL RESEARCH. See AMERICAN EDUCATIONAL RESEARCH ASSOCIATION.

NATIONAL ASSOCIATION OF INDEPENDENT PHYSICAL THERAPISTS. See NATIONAL ASSOCIATION OF PHYSICAL THERAPISTS, INC.

NATIONAL ASSOCIATION OF INDEPENDENT PHYSIOTHERAPY. See NATIONAL ASSOCIATION OF PHYSICAL THERAPISTS, INC.

374 NATIONAL ASSOCIATION OF PHYSICAL THERAPISTS, INC. 260 Glendora Avenue, Suite 103, West Covina, Calif. 91790. (213) 332-7755. President: John J. Mustari. Term expires September 1971. Secretary-Treasurer: Paul Jacob Bumb. Term expires September 1971. Chief Executive Director: Robert F. Robinson. Term expires September 1977.

HISTORY AND ORGANIZATION: Formed in April 1960 as the National Association of Independent Physiotherapy. Incorporated November 29, 1961 in California as the National Association of Independent Physical Therapists. Name changed to present form in 1962. *Geographic Divisions:* Three divisions; forty-six chapters. *Scientific and Technical Committees:* Continued Education. *Relationship with Other Societies:* National Board of Physical Therapy Examiners, Inc.; National Academy of Physical Therapy, Orthopaedics, Inc.; International Academy of Physical Therapy, Inc.

PURPOSE: To (1) foster and advance the profession of physical therapy; (2) uphold and promote the professional standing or standards of physical therapy; (3) insure and promote the professional competency and ethics of physical therapists in every state in the U.S.; (4) enhance the knowledge and skill of physical therapists through education, dissemination of professional literature and professional seminars in every state in the U.S.

MEMBERSHIP: Associate (80); Fellow (3,360), licensed to practice; Student (20), student in a physical therapy college.

MEMBERSHIP SERVICES: Member certification; malpractice insurance program.

MEETINGS: Annual.

PROFESSIONAL ACTIVITIES: *Educational:* Continuing education program; workshops. *Prizes and Awards:* Certificate of Merit; Certificate of Proficiency.

PUBLICATIONS: *National Association of Physical Therapists Newsletter*, six issues per year. Editor: Robert F. Robinson. *Journal of Physical Therapy*, biannual. Editor: John J. Mustari.

NATIONAL ASSOCIATION OF SANITARIANS. See NATIONAL ENVIRONMENTAL HEALTH ASSOCIATION.

NATIONAL ASSOCIATION OF SHELLFISH COMMISSIONERS. See NATIONAL SHELLFISHERIES ASSOCIATION, INC.

NATIONAL ASSOCIATION OF TEACHERS OF SPEECH. See SPEECH COMMUNICATION ASSOCIATION.

375 NATIONAL AUDUBON SOCIETY, INC. 1130 Fifth Avenue, New York, N.Y. 10028. (212) 369-2100. President: Elvis J. Stahr. Executive Vice President: Charles H. Callison. Vice President/Biology: Roland C. Clement. All terms indefinite, subject to annual re-election.

HISTORY AND ORGANIZATION: Predecessor formed in 1902 in New York City as the National Committee of Audubon Societies to protect wild birds from the ravages of the plume trade. Became incorporated January 4, 1905 in New York City with a broader purpose as the National Association of Audubon Societies for the Protection of Wild Birds and Animals. Name changed October 1, 1940 to National Audubon Society. Merged June 16, 1943 with School Nature League, Inc. and July 11, 1961 with Nature Centers for Young America, Inc. Name changed to National Audubon Society, Inc. upon second merger. *Geographic Divisions:* Nine. *Specialty Divisions:* Nature Center Planning; Educational Services; Photo-Film; Wildlife Sanctuaries; Wildlife Film Lectures; Publications. *Scientific and Technical Committees:* Scientific Activities of the Board of Directors; National Audubon-Massachusetts Audubon Joint Scientific Staff. *Relationship with Other Societies:* Shares joint scientific staff with Massachusetts Audubon Society; affiliated with 300 other organizations sharing common goals. Members of the National Audubon Society are grouped in 200 chapters.

PURPOSE: To (1) promote the conservation of wildlife and the natural environment, (2) educate men regarding his relationship with, and his place within, the natural environment as an ecological system; (3) engage in any educational, scientific, investigative, literary, historical, philanthropic and charitable pursuits to further said objectives.

MEMBERSHIP: Open to persons with active interest in conservation of natural resources. Individual; Family; Student; Sustaining; Supporting; Contributing; Donor; Life. Total membership: 121,000.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Assessment of population and reproductive status of bald eagle, wading birds of the Gulf Coast and the brown pelican; predation economics of the golden eagle in west Texas; population biology of the white-crowned pigeon, Florida Keys and Northern Bahama; population biology of the American flamingo, at Inagua, Bonaire and Yucatan; status of various raptor populations (Utah, especially); socioeconomic pressures on the California condor; economics of water resources policy. *Educational:* Audubon Centers, prototype environmental education centers located in (1) Sharon and Greenwich, Connecticut, (2) Dayton, Ohio and (3) Tiburon, California; Naturalist Training Program, 13-week on-the-job course training people to work in nature centers; Audubon Camps, ecology workshops for adults in the summer, located in Greenwich, Connecticut and in Maine, Wisconsin and Wyoming; Audubon Screen Tours; Audubon Aids, enrichment material for students and teachers. *Prizes and Awards:* Audubon Medal, annual, exceptional service to conservation; citations for exceptional service.

PUBLICATIONS: *Audubon*, 6 issues per year, current volume: 73, \$8.50. Editor: Les Line. *American Birds*, 6 issues per year, current volume: 25, \$6. Editor: Robert Arbib. *Audubon Leader*, semimonthly, current volume: 12, \$5. Editor: Robert C. Boardman. *Nature Center News*, quarterly, current volume: 1. Editor: William G. Baranyay.

NATIONAL CHIROPRACTIC ASSOCIATION. See AMERICAN CHIROPRACTIC ASSOCIATION, INC.

NATIONAL COMMITTEE FOR THE IMPROVEMENT OF NURSING SERVICES. See NATIONAL LEAGUE FOR NURSING.

NATIONAL COMMITTEE OF AUDUBON SOCIETIES. See NATIONAL AUDUBON SOCIETY, INC.

376 NATIONAL DENTAL ASSOCIATION. P.O. Box 197, Charlottesville, Va. 22902. (703) 293-8253. President: Clyde Broadus. Term expires August 1971. President-Elect: Robert L. Smith. Secretary-Treasurer: E. N. Jackson. Term expires August 1971.

HISTORY AND ORGANIZATION: Originated in 1913 at Hampton, Virginia as the Tri-State Dental Association. Reorganized in 1918 as the Interstate Dental Association. Present name adopted 1932. Incorporated 1933 in Virginia. *Geographic Divisions:* Six districts. *Scientific and Technical Committees:* Dental Education, Research and Professional Advancement; Dental Health; Scientific Program Survey; Hospital Dentistry; Legislative; Children's Dental Health; Dental Trades and Other Business Contributions. *Relationship with Other Societies:* The Robert T. Freeman Dental Society, the Old Dominion Dental Society, the Jacksonville Medical, Dental and Pharmaceutical Society, the West Virginia Medical Society, the Palmetto Medical, Dental and Pharmaceutical Society, the Mid-Western State Dental Society and the Wolverine Dental Society are affiliates.

PURPOSE: To (1) promote the art and science of dentistry; (2) raise the standards of the dental profession and of dental education; (3) stimulate favorable relations and good fellowship among dentists and also between dentists and the other health professions; (4) nurture the growth and diffusion of dental knowledge; (5) sponsor and work for the enactment of just dental laws; (6) promote the betterment of the public health; (7) work persistently for the elimination of religious and racial discrimination and segregation from American dental institutions, clinics and organizations.

MEMBERSHIP: Active (1,000), licensed, financial practitioner; Life (10), Active member for 35 years, 65 years of age; Affiliate (10), ethical practicing dentist outside the U.S.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Educational:* Dentistry as a Career Project; film projects; scholarship projects; scientific sessions; table clinics. *Prizes and Awards:* Triennial Award; Dentist of the Year Award; Humanitarian Award, annual; Civil Rights Award, annual; President's Award, annual; President's Outgoing Award, annual; Service Awards, annual.

PUBLICATIONS: *National Dental Association Quarterly*, quarterly, current volume: 29, \$7.50 (U.S.), \$8 (foreign). Editor: Clifton O. Dummett.

NATIONAL DENTAL ASSOCIATION. See also AMERICAN DENTAL ASSOCIATION.

NATIONAL EDUCATION ASSOCIATION, DEPARTMENT OF AUDIOVISUAL INSTRUCTION. See ASSOCIATION FOR EDUCATIONAL COMMUNICATIONS AND TECHNOLOGY.

NATIONAL EDUCATION ASSOCIATION, DEPARTMENT OF SCIENCE INSTRUCTION. See NATIONAL SCIENCE TEACHERS ASSOCIATION, INC.

NATIONAL ELECTROPLATERS ASSOCIATION. See AMERICAN ELECTROPLATERS' SOCIETY, INC.

377 NATIONAL ENVIRONMENTAL HEALTH ASSOCIATION. 1600 Pennsylvania, Denver, Colo. 80203. (303) 222-4456. President: Verne C. Reiersen. Term expires July 1972. President-Elect: Charles H. Gillham. Treasurer: Melvin

Wiley. Term expires July 1971, subject to reelection. Executive Director: Nicholas Pohlit.

HISTORY AND ORGANIZATION: The National Association of Sanitarians was incorporated in 1937 in California as an outgrowth of the California Association of Sanitarians, a group of Public Health Inspectors which had been organized in 1930. Present name adopted in January 1970. *Geographic Divisions:* Eleven regions; forty-seven state chapters. *Specialty Divisions:* Injury Control Section; Air Pollution Section; Educational and Industrial Environment Section; General Environmental Health Section; Housing and Urban Development Section; Health and Medical Care Facilities Section. *Scientific and Technical Committees:* Air Pollution; Baking Standards; Disaster; Food Standards; Health and Medical Care Facilities; Housing and Urban Development; Injury Control; Milk Quality and Sanitation; Noise; Occupational Health; Pesticides; Population; Solid Waste; Swimming Pool Sanitation.

PURPOSE: To (1) maintain and improve the standards of performance in environmental health by fostering and encouraging research, education and the dissemination of information; (2) publish, or cause to be published, scientific or other useful information relating to environmental health; (3) promote the highest degree of skill, efficiency and professional competence among environmentalists through a mutual exchange of knowledge and experience.

MEMBERSHIP: Active (5,751), Bachelor's degree in environmental health or related field, employed full time in the field; Associate (15), interested in the field, not qualifying for Active membership; Student (80), working toward a degree in the field of environmental health; Agency (12), local, state or federal health units; Sustaining (7), firms interested in the Association's objectives.

MEMBERSHIP SERVICES: Job placement service; scholarship program; improved educational opportunities; opportunity to participate in establishment of legislation; public relations assistance; opportunity to serve on an Environmental Health Management Service.

MEETINGS: Annual Educational Conference on Environmental Health (June or July).

PROFESSIONAL ACTIVITIES: *Research:* A directory of those engaged in environmental health aspects of hospitals, nursing homes and related institutions. *Educational:* Two scholarship programs offered to undergraduate students of environmental health; workshops in accidental injury control; graduate level internship and residency programs; curricula guidelines and standards for schools of environmental health (four-year); two-year technician curriculum developed primarily for community colleges. *Prizes and Awards:* Walter S. Mangold Award, annual, outstanding contributions to the professional advancement of the environmentalist; Presidential Citation, annual, distinguished services, leadership, progressiveness and devotion to the Association; Certificate of Merit, accomplishment and achievement within the profession, one awarded by each state affiliate.

PUBLICATIONS: *Journal of Environmental Health*, bimonthly, current volume: 33, 58. Editor: A. Harry Bliss.

378 NATIONAL FEDERATION OF SCIENCE ABSTRACTING AND INDEXING SERVICES. 2102 Arch Street, Philadelphia, Pa. 19103. (215) 563-3341. President: Bill M. Woods. Term expires March 1972. President-Elect: Everett H. Brenner. Secretary: Ben H. Weil. Term expires March 1972. Treasurer: Dale B. Baker. Term expires March 1972. Executive Director: Stella Keenan.

HISTORY AND ORGANIZATION: Established January 31, 1958. Incorporated April 29, 1958 in the District of Columbia. Headquarters moved to Philadelphia December 1967. *Scientific and Technical Committees:* Common Practices and Standards; Education; Publication Policy; Guide Revision; Cost Study; Abstracts; Marketing. *Relationship with Other Societies:* The Federation is composed of twenty-two organizations. Full Voting Members - Abstracts of Photographic Science and Engineering Literature; American Dental Association; American Geological Institute; American Institute of Physics; American Mathematical Society; American Meteorological Society; American Petroleum Institute; American Psychological Association; American Society for Metals; Applied Mechanics Reviews; Biological Sciences Information Service; Chemical Abstracts Service; Documentation Abstracts, Inc.; Engineering Index, Inc.; Esso Research and Engineering Company; Federation of Societies for Paint Technology; Information Services Department of the University of Tulsa; Institute of Electrical and Electronics Engineers; Medical Documentation Service. U.S. Government Affiliate Members - U.S. Atomic Energy Commission, Division of Technical Information; U.S. Department of Agriculture, National Agricultural Library. Foreign Affiliate Member - Information Service for Physics, Electrotechnology, Computers and Control (Institution of Electrical Engineers, London, England). The Federation is represented in Section T of the American Association for the Advancement of Science, the Association for Scientific Information Dissemination Centers, the American Society for Information Science and the American National Standards Institute.

PURPOSE: To (1) help the member services improve their services and operations and to advance their prestige nationally and internationally; (2) undertake specific projects on behalf of members that no one single member service would undertake alone and that would be broadly useful to the majority of member services; (3) achieve a compatible, decentralized information system through association and cooperation; (4) act as a national spokesman for the member services.

MEMBERSHIP: Full Voting (19), nonprofit organization organized under U.S. law, sufficiently distinct and identifiable as an information service and not one of several information services or an integral part of a parent organization that is itself eligible for membership, publishes or manages the publishing of one or more serials devoted in whole or in significant part to the secondary or bibliographic information of science and technology, such as indexes, or compilations of abstracts, titles, critical reviews or data tabulations; operates or manages one or more information services, data bases or information centers in the subject area of science or technology; conducts research or development work in information science or information systems; U.S. Government Affiliate (2), government agencies prevented by law or charter from assuming the financial or other obligations of voting membership, but are otherwise eligible, or are not organized as not-for-profit organizations under U.S. law, or are otherwise ineligible for voting membership, and are capable of furthering the Federation's objectives through non-voting participation in its activities; Non-U.S. Foreign Affiliate (1).

MEMBERSHIP SERVICES: Committee activity opportunities; special rates at educational seminars organized by the Federation; liaison with national and international groups with related interests.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Educational:* Seminars on

indexing in perspective and on evaluation and use of computer based services by libraries and information retrieval systems. *Prizes and Awards*: Miles Conrad Memorial Lecture, annual.

PUBLICATIONS: *News from Science Abstracting and Indexing Services*, bimonthly, current volume: 13, \$25. Editor: Stella Keenan. *Technical Reports*, irregular. *Conference Proceedings*, 1958-63 and 1969. *Conference Digest*, 1970-current. Editor: Stella Keenan.

379 NATIONAL FIRE PROTECTION ASSOCIATION. 60 Battery Street, Boston, Mass. 02110. (617) 482-8755. President: John J. Ahern. Term expires June 1972. Secretary-Treasurer: Frank J. Fee, Jr. Term expires June 1972. General Manager: Charles S. Morgan.

HISTORY AND ORGANIZATION: Founded 1896. Incorporated 1930 in Massachusetts. *Specialty Divisions*: Fire Marshals Association of North America; Industrial Fire Protection Section; Railroad Section; Electrical Section. *Scientific and Technical Committees*: Seventy-three active technical committees and seventy-two sectional committees and panels, ranging from air conditioning, atomic energy and aviation to water spray fixed systems, water tanks and wearing apparel, each responsible for development and updating of formal codes, standards, recommended practices and manuals. *Relationship with Other Societies*: The Society of Fire Protection Engineers and Fire Protection Research International are affiliates.

PURPOSE: To (1) promote the science and improve the methods of fire protection and prevention; (2) obtain and circulate information on these subjects; (3) secure the cooperation of its members and the public in establishing proper safeguards against loss of life and property by fire; (4) to safeguard man and his environment from destructive fire; (5) ultimately eliminate destructive fire as an enemy of man.

MEMBERSHIP: Organization (186), national and international institutes, societies and associations concerned with protection of life and property against fire; Associate (25,000), companies, corporations, associations, organizations, governmental entities or individuals; Life (17); Honorary Life (4), rendition of exceptional services to the Association.

MEMBERSHIP SERVICES: Staff counseling on fire problems in engineering, fire department administration tactics, training and communications, public information and education, and fire record experience; field service aids in areas of flammable liquids, gases, electrical, fire extinguishing systems and marine gas hazards; library services.

MEETINGS: Annual (May); Annual Fall Conference (November).

PROFESSIONAL ACTIVITIES: *Research*: FIRST Project, development of fire information retrieval system techniques aimed at nationwide adoption of a uniform fire reporting system, with field testing involving six cities now in progress; fire protection of materials in rack storage; location and spacing requirements of fire detection devices for life safety in buildings. *Educational*: Industrial Fire Protection Training Course; Sparky Project for Children, continuing activity to educate children in the basics of personal fire safety. *Prizes and Awards*: Fire Prevention Contest Awards, annual, international competition to recognize positive efforts in the field of fire prevention by municipal organizations, industrial firms, government agencies and military facilities in the U.S. and Canada; Technical Committee Service Awards, to committee members who have made significant contributions over a ten year period or longer; Distinguished Service Awards, to mem-

bers contributing distinguished services to the advancement of fire waste control.

PUBLICATIONS: *Fire Journal*, bimonthly, current volume: 65. Editor: Chester I. Babcock. *Fire Technology*, quarterly, current volume: 7, \$5. Editor: George H. Tryon. *Fire Command*, monthly, current volume: 38, \$7. Editor: Paul R. Lyons. *Fire News*, monthly, current volume: 56. Editor: Deuel Richardson. *NFPA Yearbook and Committee List*, annual, current volume: 75. Editor: Richard E. Stevens. *National Fire Codes*, annual, current volume: 34, \$5. Editor: Richard E. Stevens. *Fire Protection Handbook*, quinquennial, current volume: 13th ed., \$22.50. Editor: George H. Tryon. *NFPA Technical Committee Reports*, annual, current volume: 75, \$5 (non-members). Editor: Richard E. Stevens.

380 NATIONAL GEOGRAPHIC SOCIETY, 17th and M Streets, N.W., Washington, D.C. 20036. (202) 296-7500. Chairman of the Board of Trustees: Melville Bell Grosvenor. Term indefinite. President: Melvin M. Payne. Term indefinite. Vice President and Secretary: Robert E. Doyle. Term indefinite. Treasurer: Hilary F. Hoskinson. Term indefinite.

HISTORY AND ORGANIZATION: Established January 1888 in Washington, D.C. *Scientific and Technical Committees*: Research and Exploration.

PURPOSE: To increase and diffuse geographical knowledge.

MEMBERSHIP: Member (7,300,000).

PROFESSIONAL ACTIVITIES: *Research*: Since it was formed the Society has supported more than 500 major expeditions and scientific projects, ranging from the bottom of the sea to the far reaches of space. Dozens of grants are made to important projects each year. Current activities include a fossil search for origins of man in East Africa, bio-telemetry for biologic research of wild animals in U.S., cosmic-ray research in pyramids in Egypt, excavation of Aphrodisias in Turkey, excavation of Phoenician city of Sarepta in Lebanon, behavioral study of mountain gorillas in the Congo and a crown-of-thorns starfish study. *Educational*: Annual series of film lectures open to members in the metropolitan Washington area; color maps; globes; atlases; monographs; television programs; lectures; filmstrips; bulletins for schools; phonograph records; information service for press, television and radio. *Prizes and Awards*: Hubbard Medal, distinction in exploration, discovery and research; Special Gold Medal, extraordinary geographic achievement; Grosvenor Medal, outstanding service to geography; John Oliver La Gorce Medal, accomplishment in geographic exploration or in the sciences or for public service that advances international understanding.

PUBLICATIONS: *National Geographic*, monthly, current volume: 139, \$9 (U.S.). Editor: Gilbert M. Grosvenor. *National Geographic School Bulletin*, monthly (September-May), current volume: 49, \$2.25 (U.S.), \$3 (foreign). Editor: Ralph Gray. *National Geographic News Bulletin*, six issues per week, current volume: 13,700, free to editors. Editor: Windsor P. Booth. *National Geographic Society Research Reports*, annual, \$5. Editor: Paul H. Oehser.

NATIONAL HORTICULTURAL SOCIETY. See AMERICAN HORTICULTURAL SOCIETY.

NATIONAL JOINT COMPUTER CONFERENCE COMMITTEE. See AMERICAN FEDERATION OF INFORMATION PROCESSING SOCIETIES, INC.

381 NATIONAL LEAGUE FOR NURSING, 10 Columbus Circle, New York, N.Y. 10019. (212) 582-1022. President:

Gwendoline MacDonald. Term expires May 1971. Secretary and General Director: Margaret E. Walsh. Treasurer: Dean Long. Term expires May 1971.

HISTORY AND ORGANIZATION: Founded and incorporated in 1952 in Delaware as a merger of the National League of Nursing Education, National Organization for Public Health Nursing, Association of Collegiate Schools of Nursing, Joint Committee on Practical Nurses and Auxiliary Workers in Nursing Services, Joint Committee on Careers in Nursing, National Committee for the Improvement of Nursing Services, National Nursing Accrediting Service. *Geographic Divisions:* Forty-two constituent leagues for nursing; sixty local action groups. *Scientific and Technical Committees:* Associate Degree Programs; Baccalaureate and Higher Degree Programs; Diploma Programs; Hospital and Related Institutional Nursing Services; Practical Nursing Programs; Public Health Nursing Services. *Relationship with Other Societies:* Coordinating Council of Boards of the American Nurses' Association; joint board committee with the American Hospital Association; joint committee with the American Medical Association; interorganization committee with the American Association of Junior Colleges; administration of Nursing Advisory Service with the National Tuberculosis and Respiratory Disease Association.

PURPOSE: To foster and advance developments and improvements in nursing service and education so that the nursing needs of the people will be met.

MEMBERSHIP: Agency (1,800), organizations or other groups administratively engaged in providing nursing services in all types of institutions and to a variety of industries and schools, also schools and divisions providing nursing education; Individual (16,400), professional and practical nurses, nursing aides, doctors, hospital administrators, educators, social workers, therapists, interested citizens and members of allied professions.

MEMBERSHIP SERVICES: Accreditation; consultation; information; testing services.

MEETINGS: Biennial (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Annual surveys of nursing school admissions, enrollments and graduation; Nurse Career-Pattern Study, a longitudinal study of socio-economic background, education and career attainments of nurses; study of practices in public health nursing services; special studies on costs of nursing education and teaching of psychiatric nursing. *Educational:* Continuing education workshops for nursing personnel; institute and workshops for nursing faculty; leadership training seminars for community leaders. *Prizes and Awards:* Lucile Petry Leone Award, \$500, awarded jointly with the U.S. Public Health Service to an outstanding nurse-teacher; National League for Nursing Distinguished Service Award, to individual(s), group or team whose accomplishments have contributed significantly to better patient care in any phase of nursing; Linda Richards Award, to the individual nurse making outstanding contribution of a pioneering nature or effort; May Adelaide Nutting Award, outstanding contributions to the field of public health.

PUBLICATIONS: *NLN News*, bimonthly, current volume: 18, free to members. Editor: Flora Kaiser. *State Approved Schools of Nursing - R.N.*, annual, \$3.50. *State Approved Schools of Nursing LPN/LVN*, annual, \$3.50. *Memos to Agency Members*, quarterly. *Nursing Outlook*, monthly, current volume: 18. Editor: Edith Patton Lewis. *Nursing Research*, quarterly. Editor: Lucille E. Notter.

NATIONAL LEAGUE OF NURSING EDUCATION. See NATIONAL LEAGUE FOR NURSING.

NATIONAL MALARIA SOCIETY. See THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE.

382 THE NATIONAL MICROFILM ASSOCIATION. 8728 Colesville Road, Silver Spring, MD. 20910. (301) 587-8444. President: George H. Hamon. Term expires June 1971. President-Elect: John R. Robertson. Treasurer: Milton Mandel. Term expires June 1971. Executive Vice President: F. L. Willisford. Executive Secretary: Vernon D. Tate.

HISTORY AND ORGANIZATION: Founded 1946. Incorporated in Michigan. *Geographic Divisions:* Twenty-two chapters. *Scientific and Technical Committees:* Publications; Education; Document Center Guidance; Computer Output Microfilm; Standards.

PURPOSE: To (1) provide the information professional with a continuing source for knowledge, keeping abreast of the exploding advances of the micro-imaging field, helping him derive greater benefits from his own microfilm system; (2) promote scientific and technical research in the field of micrographics; (3) exchange information in the field.

MEMBERSHIP: Professional (4,500), individuals engaged in or interested in the field of microphotography; Affiliate (350), institutions, libraries and agencies who are primarily interested in publications and cannot name an individual member; Associate (75), institutions, organizations and in-house operations with a considerable interest in or application of microfilm who wish to support and advance the field but who do not produce goods or services for sale in the industry; Sustaining (400), manufacturers or service companies.

MEETINGS: Annual (April or May); Mid-Winter (January or February).

PROFESSIONAL ACTIVITIES: *Educational:* Educational seminars. *Prizes and Awards:* Award of Merit, distinguished service to the microfilm industry; Pioneer Medal, to recognize pioneers of the field; Fellow Award, outstanding contributions in the field of microreproduction.

PUBLICATIONS: *Journal of Micrographics*, six issues per year. Editor: P. Richard Poulin. *Micro-News Bulletin*, every two months, alternating with the *Journal*. Editor: P. Richard Poulin.

NATIONAL MICROSCOPICAL CONGRESS. See AMERICAN MICROSCOPICAL SOCIETY.

NATIONAL NURSING ACCREDITING SERVICE. See NATIONAL LEAGUE FOR NURSING.

NATIONAL ORGANIZATION FOR PUBLIC HEALTH NURSING. See NATIONAL LEAGUE FOR NURSING.

NATIONAL POTATO ASSOCIATION OF AMERICA. See THE POTATO ASSOCIATION OF AMERICA.

383 NATIONAL REHABILITATION ASSOCIATION. 1522 K Street, N.W., Washington, D.C. 20005. President: Richard D. Burk. President-Elect: James R. Burrell. Executive Director: E. B. Whitten. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1925. Incorporated 1963 in the District of Columbia. *Geographic Divisions:* Seven regions.

PURPOSE: To promote the rehabilitation of physically and mentally impaired persons.

MEMBERSHIP: Member, individuals who work in rehabilitation programs; Associate. Total membership 33,000.

MEETINGS: Annual.

PUBLICATIONS: *Journal of Rehabilitation*, bimonthly, current volume: 37, \$1. *Newsletter*, bimonthly, current volume: 26, \$0.25. Editor: Betty Winkler Roberts.

NATIONAL SAFETY COUNCIL. See AMERICAN SOCIETY OF SAFETY ENGINEERS.

384 NATIONAL SCIENCE TEACHERS ASSOCIATION, INC. 1201 16th Street, N.W., Washington, D.C. 20036. (202) 833-4283. President: Morris R. Lerner. Term expires July 1972. Executive Secretary: Robert H. Carleton.

HISTORY AND ORGANIZATION: Established in 1895 as the Department of Science Instruction of the National Education Association. Merged with the American Science Teachers Association in 1944 and reorganized to form present association. Incorporated 1960 in Washington, D.C. *Geographic Divisions:* Eighty-nine. *Specialty Divisions:* Association for the Education of Teachers in Science; Council for Elementary Science International; National Association for Industry-Education Cooperation; National Science Supervisors Association. *Scientific and Technical Committees:* Curriculum Studies (Kindergarten - Grade 12); Research; Issues; Student Development Programs; Teaching Science to the Disadvantaged; College Science Teaching; Conservation and Environmental Studies; International Activities. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; associated organization of the National Education Association.

PURPOSE: To (1) stimulate, improve and coordinate science teaching at all levels of instruction and engage in any and all activities in furtherance thereof; (2) promote the improvement of educational systems and processes in the schools in any manner to assist such stimulation and coordination of science teaching; (3) apprise the general public of possible means of improving science teaching with the schools; (4) do any and all acts and things which may increase, through education, the knowledge of science devolving upon the general public and the betterment of the general public through such knowledge of science.

MEMBERSHIP: Regular (13,500), teachers of science and anyone concerned with science education at any instructional level; Comprehensive (1,500); Life (1,950); Elementary (3,500); Student (regular) (1,150), secondary teacher in training at the undergraduate level; Student (elementary) (2,700), elementary teacher in training at the undergraduate level.

MEMBERSHIP SERVICES: Consultation and information; educational travel; foreign service employment enrollment.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Study of exemplary facilities for science education in secondary schools. *Educational:* Seminars, short courses and special workshops at area and national conventions; Tomorrow's Scientists and Engineers, a student awards program sponsored by Humble Oil and Refining Company offering ten \$6,000 national scholarships and several hundred regional awards up to \$500; Youth Science Congresses, about 200 expense-paid trips for selected students to attend three-day meetings at regional centers of the National Aeronautics and Space Administration. *Prizes and Awards:* Science Teachers Achievement Recognition Award,

\$1,000 first prize, several others of \$500 and \$250, sponsored by the American Gas Association; Gustav Ohaus Awards for Innovations in College Science Teaching, \$1,000 first prize, several others of \$500 and \$250, sponsored by the Ohaus Scale Corporation. Distinguished Service Citations.

PUBLICATIONS: *The Science Teacher*, nine issues per year, current volume: 38, \$15. Editor: Mary E. Hawkins. *Science and Children*, eight issues per year, current volume: 8, \$7. Editor: Phyllis Marcuccio. *Journal of College Science Teaching*, quarterly, current volume: 1, \$10. Editor: Leo Schubert. *ASTA News-Bulletin*, four issues per year. Editor: Ellie Snyder.

385 NATIONAL SHELLFISHERIES ASSOCIATION, INC. Address communications to: Helen J. Haynie, Secretary-Treasurer, Fish and Wildlife Administration, State Office Building, Annapolis, Md. 21401. (301) 267-5679. President: Fred W. Sieling. Term expires July 1971. Secretary-Treasurer: Helen J. Haynie. Term indefinite.

HISTORY AND ORGANIZATION: Originated May 5, 1909 as the National Association of Shellfish Commissioners. Renamed the National Shellfisheries Association in August 1930. Incorporated 1968 in Maryland. *Geographic Divisions:* One.

PURPOSE: To (1) encourage research on mollusks, crustaceans, and associated organisms with emphasis on species of economic importance known as "shellfish"; (2) gather and disseminate scientific and technical information on shellfish; (3) promote and advance shellfisheries research and the application of results to the shellfisheries industry; (4) hold annual meetings for presentation, exchange and discussion of information, studies and experience on scientific and other professional aspects of shellfish.

MEMBERSHIP: Individual (336), actively support objectives and purposes of the Association; Honorary (8), elected by membership on recommendation of Executive Committee.

MEETINGS: Annual (Summer).

PUBLICATIONS: *Proceedings of the National Shellfisheries Association*, annual, current volume: 60, \$6. Editor: William N. Shaw.

NATIONAL SOCIETY FOR THE PROMOTION OF INDUSTRIAL EDUCATION. See AMERICAN VOCATIONAL ASSOCIATION.

NATIONAL SOCIETY FOR THE PROMOTION OF OCCUPATIONAL THERAPY. See AMERICAN OCCUPATIONAL THERAPY ASSOCIATION.

NATIONAL SOCIETY FOR THE STUDY OF COMMUNICATION. See INTERNATIONAL COMMUNICATION ASSOCIATION.

NATIONAL SOCIETY FOR VOCATIONAL EDUCATION. See AMERICAN VOCATIONAL ASSOCIATION.

NATIONAL SOCIETY OF DENTURE PROSTHETISTS. See ACADEMY OF DENTURE PROSTHETICS.

386 NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS. 2019 K Street, N.W., Washington, D.C. 20006. (202) 337-0420. President: J. Caldwell Wilson. Term expires June 1972. President-Elect: James F. Shriver, Jr. Secretary and Executive Director: Paul H. Robbins. Term indefinite. Treasurer: John G. Dillon. Term expires June 1971.

HISTORY AND ORGANIZATION: Founded 1934 in New York

City. Incorporated the same year in South Carolina. *Geographic Divisions*: Fifty-four affiliated state societies; 500 chapters. *Specialty Divisions*: Professional Engineers in Private Practice; Professional Engineers in Education; Professional Engineers in Government; Professional Engineers in Industry. *Scientific and Technical Committees*: Engineering Preparation; Student Professional Development; Young Engineers; Engineering Technicians; Ethical Practices; Interprofessional Relations; Legislative and Government Affairs; Employed Engineers. *Relationship with Other Societies*: Affiliate of the Engineers' Council for Professional Development; member of Engineering Section M of the American Association for the Advancement of Science. The Institute for Certification of Engineering Technicians is a unit of the Society governed by its own Board of Trustees.

PURPOSE: To (1) promote the professional, social and economic interest of engineers by means of education, legislation and public relations; (2) establish and maintain state professional engineering societies and chapters throughout the U.S.; (3) advance the interests of the public in matters pertaining to engineering.

MEMBERSHIP: Member (\$5,000), valid license or certificate of registration as a professional engineer issued under U.S. or Canadian law; Senior Associate (new grade), of high moral character, graduated from an accredited engineering curriculum, 12 years of acceptable engineering experience, member of an engineering society; Associate (7,000), of high moral character, certified engineer-in-training or graduate engineer actively pursuing an engineering career or engaged in post-graduate engineering study; Surveyor (new grade), land surveyor licensed to practice in the U.S.; Student (new grade), undergraduate or graduate engineering student.

MEMBERSHIP SERVICES: Retirement investment program; employment referral service.

MEETINGS: Annual (July); Winter (January).

PROFESSIONAL ACTIVITIES: *Research*: Study on improving economic status of employed engineers; survey of engineering college instruction in professionalism. *Educational*: Continuing education programmed learning courses; four-year scholarships to high school seniors for the study of engineering (offered by the Society's Educational Foundation); career guidance activities in cooperation with local schools. *Prizes and Awards*: Outstanding Engineer Award; Industrial Professional Development Award; Government Professional Development Award; Journalism Award.

PUBLICATIONS: *Professional Engineer*, monthly, current volume: 40, \$7. Editor: Kenneth E. Trombley. *Legislative Bulletin*, monthly, current volume: 25. *Private Practice News*, monthly, current volume: 13. *Professional Engineer in Industry Newsletter*, monthly, current volume: 15. *Engineer in Government Newsletter*, monthly, current volume: 11. *Engineer in Education Newsletter*, monthly, current volume: 5.

387 NATIONAL SPELEOLOGICAL SOCIETY, INC. *Address communications to*: Donald N. Courmyer, Secretary-Treasurer, 2318 N. Kenmore Avenue, Arlington, Va. 22201. (703) 525-6945. President: Rane L. Curt. Term expires June 1971. Secretary-Treasurer: Donald N. Courmyer. Term indefinite.

HISTORY AND ORGANIZATION: Founded and incorporated January 1941 in Washington, D.C. *Geographic Divisions*: Ten regions; 113 chapters. *Specialty Divisions*: Biology; Cave Geology and Geography; Texas Speleological Survey; Georgia Speleological Survey. *Scientific and Technical Committees*: Research Advisory; Conservation; Cave Files; Equipment;

Library; Safety. *Relationship with Other Societies*: Affiliate of the American Association for the Advancement of Science and the National Parks Association; charter member of the International Union of Speleology.

PURPOSE: To (1) promote interest in and to advance in any and all ways the study and science of speleology, the protection of caves and their natural contents.

MEMBERSHIP: Honorary (23), election by Board of Governors; Life (148); Sustaining (37); Regular (2,775); Associate (425), students and foreign members; Dependent (210); Institutional (14); Subscribing (87), publications only; Fellow (285), designated by Awards Committee.

MEMBERSHIP SERVICES: Library use; visual-aids programs; cave-files; book purchasing; equipment rental.

MEETINGS: Annual (Summer).

PROFESSIONAL ACTIVITIES: *Research*: Shelta Cave Project; McFad's Cave Project; Black Chasm Cave Preserve Project; Rio Camuy (Puerto Rico) Project; Biological Survey of Alabama Caves; Biological Survey of Virginia Caves; Texas Speleological Survey; Georgia Speleological Survey. *Educational*: Short courses in geology, biology; annual convention sessions in geology, biology, exploration techniques, spelean history, conservation, photography, cartography, cave rescue, cave diving, computer techniques and data analysis; Ralph W. Stone Research Fellowship, annual, \$250 to support thesis research on caves; Research Advisory Committee Awards, \$100 support of research. *Prizes and Awards*: Honorary Membership, annual, outstanding contributions to speleology; Certificates of Merit, three each year, significant contributions to speleology or the Society; Conservation Award, outstanding contribution to cave conservation; Lewis A. Bicking Award, \$25, recognition of exploration and publication; James G. Mitchell Award, \$25, outstanding paper at annual convention; Fellowship, 25 each year, outstanding service in scientific, exploratory or administrative aspects of speleology.

PUBLICATIONS: *Bulletin of the National Speleological Society*, quarterly, current volume: 33, \$6. Editor: David C. Irving. *National Speleological Society News*, monthly, current volume: 29, \$6. Editor: Ronald R. Bridgeman.

NATURE CENTERS FOR YOUNG AMERICA, INC. See NATIONAL AUDUBON SOCIETY, INC.

388 NEBRASKA ACADEMY OF SCIENCES, INC. 209 Morrill Hall, 14th and U Streets, Lincoln, Neb. 68508. (402) 472-2644. President: Paul H. Laursen. Term expires May 1971. President-Elect: C. Robert Keppel. Executive-Secretary: C. B. Schultz. Term indefinite. Treasurer: K. Fred Curtis. Term indefinite.

HISTORY AND ORGANIZATION: The Academy was founded in 1891 at the University of Nebraska in Lincoln. There were 16 charter members. Incorporated May 5, 1950 in Nebraska. *Specialty Divisions*: Anthropology; Biological and Medical Sciences; Chemistry; Physics; Collegiate Academy; Dental Research; Earth Science; Engineering; History and Philosophy of Science; Science Teaching. *Relationship with Other Societies*: Affiliated with the American Association for the Advancement of Science and the Association of Academies of Science. The Nebraska Chapter National Council of Geographic Education, Nebraska Section Mathematical Association of America, Nebraska Ornithologists Union, Nebraska Psychiatric Institute, Psychological Association, Nebraska Section of the National Council of Teachers of Mathematics and the Nebraska Section of the Council of Teachers of

Mathematics are all affiliated with the Academy.

PURPOSE: To (1) promote scientific investigation and good fellowship among its members; (2) encourage friendly criticism and the exchange of experiences and thought; (3) aid in the dissemination of scientific knowledge; (4) stimulate interest in the various fields of scientific study and research.

MEMBERSHIP: Senior (485), interested in science, duly elected to membership; Life (62), Senior members 20 or more consecutive years, or 25 years not consecutive; Emeritus (18), Senior members 65 years of age, members 10 or more years; Collegiate (36), students in undergraduate colleges, interested in science, duly elected to membership in the Collegiate Academy; Junior, high school members of the Junior Academy; Sustaining (2); Honorary, outstanding friends of science.

MEMBERSHIP SERVICES: Scientific information; cooperation with affiliated societies.

MEETINGS: Annual (Spring); Fall Symposium (October or November).

PROFESSIONAL ACTIVITIES: *Educational:* Symposia; aids to science teachers; visiting scientist programs in schools. *Prizes and Awards:* Research grants to Nebraska high school and college students, annual; certificate awards to Nebraska Westinghouse Talent Search Winners, annual; Friend of Science Award, annual, outstanding citizen of State who contributes significantly to science.

PUBLICATIONS: *Proceedings of the Nebraska Academy of Sciences*, annual, current volume: 80, \$1. Edited by Program Committee. *Transactions of the Nebraska Academy of Sciences*, current volume: 1, \$5. Editor: William Wayne.

389 NEW ENGLAND WATER WORKS ASSOCIATION. 727 Statler Office Building, Boston, Mass. 02116. (617) 523-8297. President: John J. Collins, Jr. Term expires September 1971. Secretary: Alice I. Hathaway. Treasurer: Richard G. Pike. Term expires September 1972.

HISTORY AND ORGANIZATION: Founded June 21, 1882 at Boston, Massachusetts. *Scientific and Technical Committees:* Survey of Ground Water Supplies in New England; Rainfall and Yield of Drainage Areas; Water Quality and Treatment; Meters; Conservation, Development and Utilization of Water Resources; Recreational Use of Public Water Supply; Certification of Water Works Personnel; Corrosion and Its Effects on Water Quality.

PURPOSE: To (1) advance knowledge relating to water works and water supply; (2) encourage professional and social intercourse among water works men.

MEMBERSHIP: Junior (6), between ages 18 and 25, student in some engineering school or in active practice in some engineering work; Member (1,001), officer or employee of a public or private water works, engineer, chemist or other person qualified to aid, or interested in the advancement of water works; Corporate (52), water board, commission, company or municipal corporation; Associate (145), person, firm or corporation engaged in manufacturing or furnishing materials or supplies for the construction or maintenance of water works.

MEMBERSHIP SERVICES: Reference library; legislative information.

MEETINGS: Annual (September or October); June Conference; Northern New England Meeting (May); Southern New England Meeting (April); Boston Meetings (January, February, March, November, December).

PROFESSIONAL ACTIVITIES: *Research:* The effect of disposal of treated waste water effluent from community water

pollution control projects on ground water; what must be done to permit municipalities to supply their water demands from ground without being subject to damage due to depleting surface waters located within the cone of influence; different methods of constructing ground water supplies other than gravel packed wells, tubular wells, etc. *Educational:* Ten-week water works school; scholarships to members, \$500, to assist members in the completion of their college education. *Prizes and Awards:* Dexter Brackett Memorial Award, annual, most meritorious paper published in the *Journal of the New England Water Works Association*; Commemorative Award, annual, next most meritorious paper published in the *Journal*; Award of Merit, annual, to the member who has given outstanding service to the Association, outstanding service to a water utility or outstanding service to or contribution to water works practice.

PUBLICATIONS: *Journal of the New England Water Works Association*, quarterly, current volume: 85, \$4. Editor: James J. Matera.

390 NEW JERSEY ACADEMY OF SCIENCE. Box B., Rutgers University, New Brunswick, N.J. 08903. (201) 247-3821. President: Jack McCormick. Term expires April 1972. President-Elect: Phillip S. Landis. Treasurer: James W. Green. Term expires April 1972. Executive Secretary: M. Lely Brannin.

HISTORY AND ORGANIZATION: Founded January 1954 in Chester, New Jersey. Incorporated the same year in New Jersey. *Relationship with Other Societies:* The North Jersey Section of the American Chemical Society, South Jersey Section of the American Chemical Society, Academy of Medicine of New Jersey, Academy of Optometry of New Jersey, Archaeological Society of New Jersey, American Littoral Society, Geological Society of New Jersey and the New Jersey Science Teacher's Association are affiliated with the Academy.

PURPOSE: To (1) stimulate education, research and the diffusion of scientific knowledge; (2) promote fraternal relationships among those engaged in scientific work; (3) assist in developing the material resources of the State; (4) publish reports of scientific investigations; (5) unify the scientific interests of the State; (6) encourage interdisciplinary studies.

MEMBERSHIP: Regular (1,100); Associate (5); Organizational (34); Life; Emeritus. Membership is open to professional scientists and others interested in science.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Occasional technical or non-technical symposia; grants, under \$100, to high school students and college undergraduates in furtherance of scientific research projects. *Prizes and Awards:* Several classes of membership awards to high school students who participate by presenting technical papers based on their own research at regional and state meetings.

PUBLICATIONS: *Bulletin of the New Jersey Academy of Science*, semiannual, current volume: 16, \$5. Editor: Elizabeth M. Zipf. *Newletter*, quarterly, \$2. Editor: Robert Marlin.

391 THE NEW JERSEY PHARMACEUTICAL ASSOCIATION. 118 West State Street, Trenton, N.J. 08608. (609) 394-5596. President: Isadore Singer. Term expires July 1971. Chairman of the Board: Albert C. Meyer. Term expires July 1971. Executive Officer: Alvin N. Geser.

HISTORY AND ORGANIZATION: Founded February 21, 1870 in Newark, New Jersey. Incorporated 1914. *Geographic Divisions:* Fourteen component county chapters. *Scientific and Technical Committees:* Pharmaceutical Education and

Standards; Therapeutics; Institutional Practice; Public Health and Welfare; Governmental Practices. *Relationship with Other Societies:* Affiliated with the American Pharmaceutical Association.

PURPOSE: To (1) elevate the practice of pharmacy through education and communication; (2) promote cooperation between pharmacy and other health professions; (3) promote scholarships in the field of pharmacy; (4) promote a more complete understanding on the part of the public as to the nature and use of drugs.

MEMBERSHIP: Active (2,400), graduate of a college of pharmacy; Associate (75), substantial interest in the field of pharmacy (no further admittances accepted in this category); Affiliate (150), student in college of pharmacy.

MEMBERSHIP SERVICES: Legislative information; drug recall information; relationships with suppliers, colleges, etc.

MEETINGS: Semiannual (Summer and Winter); Spring and Fall Seminars.

PROFESSIONAL ACTIVITIES: *Educational:* Ghetto Resident Scholarship; scholarships; seminars; workshops. *Prizes and Awards:* Oscar Singer Award, outstanding activity in organizational work; William M. McNeill Award, community service; Kilmer Award, pharmaceutical writing.

PUBLICATIONS: *New Jersey Journal of Pharmacy*, monthly, current volume: 44, \$3. Editor: Albert C. Meyer.

392 NEW MEXICO DENTAL ASSOCIATION. 2404 Hannett Avenue, N.E., Albuquerque, N. Mex. 87106. (505) 256-2872. President: Robert B. Katz. Term expires May 1971. President-Elect: James A. Beall. Secretary-Treasurer: Charles A. Mayer. Executive Secretary: Jane Curtis.

HISTORY AND ORGANIZATION: Originated in 1908 in Albuquerque, New Mexico as the New Mexico Dental Society. Incorporated 1941. Name changed to present form in the 1950s. *Geographic Divisions:* Five. *Scientific and Technical Committees:* Dental Education; Legislation; Judicial; Dental-Legal; Public Relations; Dental Care Programs; Hospital; Review. *Relationship with Other Societies:* Constituent of the American Dental Association.

PURPOSE: To (1) cultivate the science and art of dentistry; (2) elevate and sustain the professional character of its members; (3) disseminate knowledge to encourage the improvement of the health of the public.

MEMBERSHIP: Active (285), licensed in New Mexico, ethical practitioner; Life (22), Active member for 35 years, age 65; Associate (19), former member living in another state, maintaining American Dental Association membership through that state.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Research:* Dental service corporation; survey to determine expanded duties for auxiliary personnel. *Educational:* Loan fund for dental and dental hygiene students; annual scholarship, \$500; annual scientific seminar; biennial workshops on legislative and dental programs. *Prizes and Awards:* \$100 savings bond for first place science fair winner plus \$50 to his school science department; \$50 savings bond to each regional first place winner; \$25 savings bond to second place winners in state and regional fairs.

PUBLICATIONS: *New Mexico Dental Journal*, quarterly, current volume: 21, \$2. Editor: Charles E. Wood.

NEW MEXICO DENTAL SOCIETY. See NEW MEXICO DENTAL ASSOCIATION.

393 NEW MEXICO MEDICAL SOCIETY. 3010 Monte Vista, N.E., Albuquerque, N. Mex. 87106. President: Vaun T. Floyd. Executive Secretary: Ralph R. Marshall.

HISTORY: Organized in 1886.

PURPOSE: To (1) extend medical knowledge; (2) promote public health laws for the citizens of the state.

MEMBERSHIP: Graduate of medical school. Total membership 837.

MEETINGS: Semiannual (May and November).

PROFESSIONAL ACTIVITIES: *Educational:* Science fair scholarships for high schools. *Prizes and Awards:* Two journalism awards.

394 THE NEW YORK ACADEMY OF MEDICINE. 2 East 103rd Street, New York, N.Y. 10029. (212) 876-8200. President: John E. Deitrick. Term expires December 1972. Secretary: Hans H. Zinsler. Term expires December 1972. Treasurer: James E. Thompson. Term expires December 1971. Director: James E. McCormack.

HISTORY AND ORGANIZATION: Established in 1847 in New York City, the Academy was incorporated by special act of the New York State Legislature June 23, 1851. *Specialty Sections:* Anesthesiology and Resuscitation; Basic Medical Sciences; Biomedical Engineering; Dermatology and Syphilology; Historical Medicine; Medicine; Neurology and Psychiatry; Obstetrics and Gynecology; Occupational Medicine; Ophthalmology; Orthopedic Surgery; Otolaryngology; Pediatrics; Physical Medicine and Rehabilitation; Plastic and Reconstructive Surgery; Surgery; Radiology; Urology. *Scientific and Technical Committees:* Library; Medical Education; Medicine in Society; Public Health. *Relationship with Other Societies:* Affiliated with the Harvey Society, New York Pathological Society, New York Roentgen Ray Society; reciprocal member privileges with the Royal Society of Medicine, London; charter member of Associated Medical Schools of Greater New York.

PURPOSE: To promote the advancement of medical science.

MEMBERSHIP: Honorary Fellow (8); Resident Fellow (2,155), graduate of at least five years' standing of an approved medical school; Non-Resident Fellow (284), same requirements as Resident Fellow; Associate Fellow (63), graduate of at least five years' standing of a scientific institution, engaged in teaching or working in disciplines allied to medicine.

MEMBERSHIP SERVICES: Use of one of the world's largest and best medical libraries.

MEETINGS: Trustees and Council (monthly); Stated Meetings (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Social policy for health care; medicine and the law; medical history; "Physician's Assistant." *Educational:* Valentine Fellowship, advanced training in urology, \$15,000 annually; Bowen-Brooks Fellowship, graduate study abroad, \$6,000 every two years; Glorney-Raisbeck Fellowship, graduate study U.S. and abroad, \$10,000 annually; annual two-day conference (Spring Health Conference) on a topic of major current interest. *Prizes and Awards:* Academy Medal, outstanding contribution to medical science or teaching; Academy Plaque, meritorious service to the Academy; Valentine Award, medal and honorarium, major contribution related to urology.

PUBLICATIONS: *Bulletin of the New York Academy of Medicine*, monthly, current volume: 47, \$15 (U.S.), \$16 (Canada), \$17 (other). Editor: Saul Jarcho.

395 THE NEW YORK ACADEMY OF SCIENCES. 2 East 63rd Street, New York, N.Y. 10021. (212) 838-0230. President:

Bert N. La Du, Jr. President-Elect: Serge A. Korff. Executive Director: Fred G. Armstrong.

HISTORY AND ORGANIZATION: Originated in 1817 as the Lyceum of Natural History in the City of New York. Incorporated April 20, 1818. Name changed to present title January 5, 1876. *Specialty Divisions:* Anthropology; Atmospheric Sciences; Biochemistry; Biological and Medical Sciences; Biophysics; Catalysis; Chemical Sciences; Computer and Information Sciences; Engineering; Environmental Sciences; Geological Sciences; Instrumentation; Mathematics; Microbiology; Organometallic Chemistry; Physical Sciences; Polymer Science; Psychology; Science and Public Policy. *Scientific and Technical Committees:* Educational; Science and Public Policy; Scientist-in-Residence (Ad Hoc); World Science Center (Ad Hoc); Sciences (Ad Hoc).

PURPOSE: To (1) advance scientific research and discovery; (2) provide a forum for the presentation and discussion of scientific problems; (3) publish and distribute the results of research; (4) interpret them for the promotion of the common welfare.

MEMBERSHIP: Annual Active, persons of scientific training having been at any time engaged in scientific work or otherwise in the advancement of science; Sustaining, persons of scientific training or attainments, or interested in the furtherance of science; Student, graduate and undergraduate students matriculating in recognized universities and colleges within the metropolitan area; Corporation, any corporation or association interested in the advancement of science; Patron; Benefactor; Life; Junior, students in grades nine through and including thirteen who are interested in science; Honorary Life; citizen of a country other than the U.S. with outstanding distinction in some branch of science; Gold Card, recognized for distinguished achievement in fostering the development of science. Total membership 27,000.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* A. Cressy Morrison Awards in Natural Sciences, annual, two, \$500 each, most acceptable paper in a field of science covered by the Academy; Boris Pregel Award in Field of Nuclear Physics, Biophysics (as related to Nuclear Physics) and Nuclear Engineering, \$500, most acceptable paper embodying the results of research in that field; I. B. Laskowitz Award for Research in Aerospace Engineering Sciences, most acceptable paper presented in that field.

PUBLICATIONS: *Transactions*, eight issues per year, current volume: 33, \$20. Editor: Peter Albertson. *The Sciences*, ten issues per year, current volume: 11. Editor: Margery Barnett. *Annals*, irregular. Editor: Peter Albertson.

NEW YORK CITY MEDICAL SOCIETY ON ALCOHOLISM. See AMERICAN MEDICAL SOCIETY ON ALCOHOLISM INC.

NEW YORK MATHEMATICAL SOCIETY. See AMERICAN MATHEMATICAL SOCIETY.

NEW YORK SOCIETY OF ANESTHETISTS. See AMERICAN SOCIETY OF ANESTHESIOLOGISTS.

NORTH AMERICAN CONTROL COUNCIL. See AMERICAN AUTOMATIC CONTROL COUNCIL.

396 NORTH AMERICAN MYCOLOGICAL ASSOCIATION. 4245 Redinger Road, Portsmouth, Ohio 45662. (614) 354-2018. President: Harry S. Knighton. Term indefinite.

Secretary-Treasurer: Mrs. H. S. Knighton. Term indefinite.

HISTORY AND ORGANIZATION: Originated as the Committee on Fungi, with the first meeting at Ohio State University in November 1959. On February 21, 1967 the Association was incorporated under its present name in Ohio. *Scientific and Technical Committees:* Photography; Education; Mycophagy; Research. *Relationship with Other Societies:* Affiliated with the Mycological Society of America. The Burlington Mycological Society, Colorado Mycological Society, Lower Nazareth Mycological Society, Mycological Society of San Francisco, New York Mycological Society, Spokane Mushroom Club, Tri-Cities Mycological Society and the Willamette Valley Mushroom Club are affiliates.

PURPOSE: To promote, pursue, and advance the science of mycology.

MEMBERSHIP: Active (300), on application; Affiliate (200), membership in affiliated society; Student (50), on application; Sustaining (60), interest; Corresponding (35), foreign mycologists (exchange); Life (10), honorary, elected.

MEMBERSHIP SERVICES: Taxonomy of dried specimens by mail; answering service by mail; rotating sets of fungal photographs on library loan basis; slide exchange for fungal photographers; field forays and short courses in higher fungi, taxonomy, and nomenclature.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Research:* Collections by members in many areas; reports in the literature; continuous contributions to many herbaria. *Educational:* Short course on higher fungi given at the University of Michigan Biological Station, Pellston, Michigan. *Prizes and Awards:* Contributions to Amateur Mycology Award, plaque, lifetime model of *Amanita muscaria* and Life membership.

PUBLICATIONS: *Mycophile*, ten issues per year, current volume: 12, \$2.50. Editor: H. S. Knighton. *McIlvainea*, irregular, current volume: 1, \$3. Editor: H. S. Knighton.

397 NORTH CAROLINA ACADEMY OF SCIENCE. *Address communications to:* John A. Yarbrough, Executive Secretary, Meredith College, Raleigh, N.C. 27611. (919) 833-6461. President: Herbert E. Speece. Term expires 1971. President-Elect: Fred S. Barkalow. Secretary: Joseph G. Boyette. Term indefinite. Treasurer: John Haesloop. Executive Secretary: John A. Yarbrough. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1902. *Specialty Divisions:* Biochemistry; Botany; Geoscience; Mathematics; Physics; Entomology; Chemistry; Zoology. *Scientific and Technical Committees:* Research Grants; Conservation; Science Fairs.

PURPOSE: To encourage the advancement of science within the state of North Carolina by promotion of scientific research and by the fostering of education in the sciences.

MEMBERSHIP: Regular (800); Patron (10); Contributing (7).

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational:* Science fairs for high school students; research grants to undergraduate college students. *Prizes and Awards:* Potat Award, best paper at annual meeting (senior sections); Derieux Award, best paper in collegiate section.

PUBLICATIONS: *Journal of the Elisha Mitchell Scientific Society*, quarterly, current volume: 86. Editor: V. A. Greulich.

398 NORTH DAKOTA STATE ACADEMY OF SCIENCE. Box 8184 University Station, Grand Forks, N.D. 58201. (701)

777-2661. President: Robert L. Burgess. Term expires May 1971. President-Elect: John Thompson. Secretary-Treasurer: Ben G. Gustafson.

HISTORY: Organized 1908. Made State Academy by Act of Legislature in 1959. Incorporated in 1959 in North Dakota.

PURPOSE: To promote research and scholarship in the broad fields of the physical sciences.

MEMBERSHIP: Individual (428), active work in one of the basic fields of science, medicine or engineering or active support of such efforts.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Undergraduate projects and graduate projects in the basic sciences. *Educational:* State high school science fair; state high school science research. *Prizes and Awards:* Student Research Competitions Awards: special recognition to outstanding high school participation.

PUBLICATIONS: *Proceedings of the North Dakota Academy of Science*, annual, current volume: 1971, \$3. Editor: Alan Cvanara.

399 NORTHERN ARIZONA SOCIETY OF SCIENCE AND ART, INC. P.O. Box 1389, Flagstaff, Ariz. 86001. (602) 774-2433. President: John G. Babbitt. Term expires 1974. Secretary: Agnes M. Allen. Term expires 1973. Director: Edward B. Danson.

HISTORY AND ORGANIZATION: Established 1928. Incorporated 1933. *Specialty Divisions:* Anthropology; Biology; Environmental Studies; Geology; Library; Museum.

PURPOSE: To (1) increase and diffuse knowledge; (2) encourage the appreciation of science and art; (3) maintain in the City of Flagstaff, Arizona, or elsewhere, a museum, or museums; (4) collect and preserve objects of scientific and artistic interest; (5) protect historic and prehistoric sites, works of art, scenic places and wild-life from needless destruction; (6) provide facilities for research and publication; (7) offer opportunities for aesthetic enjoyment.

MEMBERSHIP: Student (70); Individual (676); Supporting (103); Contributing (16); Sustaining (17); Benefactor (2); Life (59); Business Firms (13); Patrons (2).

MEETINGS: Annual (January or February).

PROFESSIONAL ACTIVITIES: *Research:* Maintains geological, anthropological and biological laboratories. *Educational:* \$1,000 grants awarded annually to graduate students in geology, biology, anthropology and environmental studies; fellowships awarded in cooperation with the University of Arizona in archaeology and museum (15 months - \$7,200); Museum of Northern Arizona sponsors an annual ceramic conference, annual geology symposium and the Pecos Anthropological Conference at irregular intervals.

PUBLICATIONS: *Plateau*, quarterly, current volume: 43, \$5. *Bulletin Series*, irregular, current volume: 45. *Technical Series*, irregular, current volume: 10. *Ceramic Series*, irregular, current volume: 4. *Special Publications*, irregular, current volume: 6. Editor of Publications: Evelyn Root.

400 NORTHWEST SCIENTIFIC ASSOCIATION. *Address communications to:* Glenn H. Deitschman, Secretary-Treasurer, P.O. Box 469, Moscow, Idaho, 83843. (208) 882-3557. President: Lorin W. Roberts. Term expires April 1971. Secretary-Treasurer: Glenn H. Deitschman. Term indefinite.

HISTORY AND ORGANIZATION: Established in 1923 to serve the Pacific Northwest. *Specialty Divisions:* Botany-Zoology; Chemistry-Physics; Forestry; Geology-Geography; Mathe-

matics; Science Education; Social Sciences; Soil and Water. *Scientific and Technical Committees:* Conservation; History. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science.

PURPOSE: To promote scientific research and the diffusion of scientific knowledge.

MEMBERSHIP: Regular (471), scientists; Student (78), college and university students; Sustaining (5), largely industries; Institutional (47), universities and colleges.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Phytolith for the interpretation of the paleo-environments of archeological sites; impact of land ownership on recreational land use in the lower Salmon River area; effect of potassium naphthenates and potassium cyclohexane-carboxylic acid on the uptake and metabolism of ¹⁴C-glucose in bean root tips; influence of chelating agents on chromosomal breakage in *Zea mays*; monograph on the genus *Gautieria* and ecology and mycorrhiza formation of *Gautieria*; support of stop-flow kinetics research through acquisition of an oscilloscope amplifier. *Prizes and Awards:* Honorary Trustee; Honorary Life Member; Outstanding Scientist. All given annually.

PUBLICATIONS: *Northwest Science*, quarterly, current volume: 44, \$5. Editor: Bruce Ettinger.

401 NUMERICAL CONTROL SOCIETY, INC. 44 Nassau Street, Princeton, N.J. 08540. (609) 924-4780. President: Peter Senkiw. Term expires 1972. President-Elect: Allen E. Hermanson. Secretary: Edward E. Miller. Term expires 1972. Executive Director: William H. White.

HISTORY AND ORGANIZATION: Founded June 15, 1962 and incorporated February 5, 1963. *Geographic Divisions:* Twenty-five in U.S., Canada and overseas. *Scientific and Technical Committees:* Technical; Education; Publications; Technical Advisory.

PURPOSE: To promote the advancement and diffusion of knowledge and application of numerical control, including the advancement of education, the collection, storage, and distribution of information of all phases of numerical control, dissemination of information to further the technology, exchange of information with other nonprofit organizations and cooperation with educational institutions in fostering interest in numerical control.

MEMBERSHIP: Individual (2,000), interested in concept and uses of numerical control; Student (50), full-time student at university, college or technical institute, or in an industrial program; Company (40); Educational Institution (1), interested in concept and uses of numerical control.

MEMBERSHIP SERVICES: Information Central, central office providing assistance to members seeking information, reference material, and professional guidance.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Numerical Control Coordinator Course; Programming Correspondence Course; Basic Parts Programming Correspondence Course; Mobile Numerical Control Seminar. *Prizes and Awards:* Man of the Year, annual, distinguished service in Society; Joseph Marie Jacquard Memorial Award, annual, outstanding contribution to the field of numerical control.

PUBLICATIONS: *Proceedings of the Annual Meeting and Technical Conference*, annual, current volume: 8, \$11.95. *Membership Directory*, annual, members only. *NC Scene*, monthly, \$8 (U.S.). Editor of Publications: Mary A. De Vries.

NURSES ASSOCIATED ALUMNAE OF THE UNITED STATES. See AMERICAN NURSES' ASSOCIATION.

402 THE OHIO ACADEMY OF SCIENCE. 445 King Avenue, Columbus, Ohio 43201. (614) 299-9097. President: Raymond S. Baby. Term expires April 1971. President-Elect: Warren F. Walker, Jr. Secretary: A. S. Bradshaw. Term indefinite. Treasurer: C. Wayne Elliott. Term indefinite. Executive Officer: John H. Melvin.

HISTORY AND ORGANIZATION: Founded December 31, 1891 as Ohio State Academy of Science. Incorporated March 1892 with 59 charter members. Name changed to present title in 1914. *Specialty Divisions:* Zoology; Plant Sciences; Geology; Medical Sciences; Physics and Astronomy; Geography; Chemistry; Science Education; Anthropology and Sociology; Conservation; Genetics; Mathematical Sciences; Psychology. *Scientific and Technical Committees:* Ohio Flora; Ecology; Earth Sciences; History of Science; Research Grants. *Relationship with Other Societies:* Affiliate of American Association for the Advancement of Science.

PURPOSE: To (1) stimulate interest in science; (2) promote research; (3) improve science instruction; (4) disseminate scientific knowledge; (5) recognize merit in science.

MEMBERSHIP: Individual (1,175), interest in science; Student (300), interest in science, Fellow (750), demonstrated ability in research or teaching; Corporation-Institution (125), supporting the work of the Academy.

MEMBERSHIP SERVICES: Public relations; scientific information.

MEETINGS: Annual (April); History of Science Meeting (February); Junior Academy State Science Day (April).

PROFESSIONAL ACTIVITIES: *Research:* Guide to Ohio outdoor education areas; workbook for journal editors. *Educational:* High school science teacher certification; technical and vocational education; high school science research project workbook; visiting scholars program; statewide scholarship competition for high school seniors; government advisory activities; undergraduate research program; health science recruitment program; Junior Science and Humanities Symposium; Academy library; Junior Academy Paper Session; Ohio State Fair participation. *Prizes and Awards:* Outstanding High School Science Teacher Award, 12 annually; Outstanding High School Science Department Award, 12 annually; Scholarships to West Virginia Science Camp, 2 annually.

PUBLICATIONS: *Ohio Journal of Science*, 6 issues per year, current volume: 71, \$8. Editor: Jayne Forsyth. *Ohio Academy of Science News*, biannual, current volume: 24, free to members and Ohio high school science teachers. Editor: Eloise Whitwer. *Oasis*, irregular. Editor: John H. Melvin.

403 OHIO PSYCHOLOGICAL ASSOCIATION, INC. Address communications to: Malcolm L. Gardner, Executive Secretary, Box 247, Worthington, Ohio 43085. (614) 885-1694. President: David D. Blyth. Term expires August 1971. President-Elect: Vytautas J. Bieliauskas. Executive Secretary: Malcolm L. Gardner. Term expires August 1973. Treasurer: Max Weinlander. Term expires August 1971.

HISTORY AND ORGANIZATION: Formed and incorporated April 22, 1949. *Geographic Divisions:* Five. *Specialty Divisions:* Academic and Research Psychologists; Academy of Consulting Psychologists. *Scientific and Technical Committees:* Insurance; State Psychologists Employment; Professional Education; Ethics; Undergraduate Psychology; Joint Committee with Black Student Psychology Association.

PURPOSE: To (1) advance psychology as a science and as a means of promoting human welfare; (2) encourage psychology in all its branches in the broadest and most liberal manner; (3) promote research methods and conditions; (4) improve the qualifications and usefulness of psychologists through high standards of professional ethics, conduct, education and achievement; (5) increase and diffuse psychological knowledge through meetings, professional contacts, reports, papers, discussions and publications; (6) advance scientific interests and inquiry; (7) apply research findings to the promotion of the public welfare.

MEMBERSHIP: Member (552), Ph.D. or Master's in psychology plus a year of experience; Affiliate (10), graduate student or person eligible in opinion of Board of Trustees; Life (15), member for ten years, 65 years of age and retired.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Distinguished Service Award for distinguished service to the State of Ohio and for major contributions to the Association.

PUBLICATIONS: *Ohio Psychologist*, quarterly, current volume: 17, \$4. Editor: Howard Lyman.

OHIO STATE ACADEMY OF SCIENCE. See THE OHIO ACADEMY OF SCIENCE.

404 OHIO STATE MEDICAL ASSOCIATION. 17 South High Street, Columbus, Ohio 43215. (614) 228-6971. President: Richard L. Fulton. Term expires May 1971. President-Elect: P. John Robeck. Secretary-Treasurer: James L. Henry. Term expires May 1973. Executive Director: Hart F. Page.

HISTORY AND ORGANIZATION: Originated May 1846 as the Ohio State Medical Society. Incorporated under present title May 1904. *Scientific and Technical Committees:* Cancer; Disaster Medical Care; Education; Environmental and Public Health; Eye Care; Government Medical Care Programs; Hospital Relations; Judicial and Professional Relations; Laboratory Medicine; Maternal Health; Medicine and Religion; Mental Health; Nursing; Private Practice; Public Relations; Rehabilitation; Rural Health; School Health; Scientific Work.

PURPOSE: To promote the science and art of medicine and the protection of public health.

MEMBERSHIP: Active (9,488); Residency Training (27); Non-Resident (0); Retired Exempt (509); Disability Exempt (177); Military (10). Open to individuals who hold a degree of Doctor of Medicine, are licensed in Ohio (except Retired Exempt), reside in Ohio (except Non-Resident) and are members of a component county medical society.

MEMBERSHIP SERVICES: Public relations.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Two four-year scholarships, \$2,000 each, awarded annually to stimulate interest of young people in Ohio to pursue a career in family practice. *Prizes and Awards:* Scientific Exhibit Award, seven given annually at annual meeting; Distinguished Service Award, given annually to one or two outstanding physicians in Ohio; Certificate of Appreciation for Past Services, eight to ten given annually at annual meeting.

PUBLICATIONS: *Ohio State Medical Journal*, monthly, current volume: 67, \$5. Editor: Perry R. Ayres. *OSMAgram*, every six weeks. Editor: C. W. Edgar. *Legislative Bulletin*, weekly while Legislature is in session. Editor: Hart F. Page.

OHIO STATE MEDICAL SOCIETY. See OHIO STATE MEDICAL ASSOCIATION.

405 OKLAHOMA ACADEMY OF SCIENCE. University of Oklahoma, Norman, Okla. 73069. (405) 325-2001. President: Paul Buck. Term expires December 1971. President-Elect: William A. Carter. Secretary: Moody Coffman. Term expires December 1971. Executive Secretary: J. Teague Self. Term expires December 1971.

HISTORY AND ORGANIZATION: Chartered December 30, 1909 as Oklahoma Academy of Science. Incorporated August 28, 1921 in Oklahoma. *Specialty Divisions:* Biological Sciences; Geology; Physical Sciences; Social Sciences; Science Education; Geography; Conservation; Microbiology; Engineering Sciences; Biochemistry-Biophysics. *Scientific and Technical Committees:* Symposium; Collegiate Academy; Junior Academy; Governmental Services; Long Range Planning. *Relationship with Other Societies:* Affiliate of American Association for Advancement of Science and Association of Academies of Science.

PURPOSE: To (1) promote and coordinate science activities in Oklahoma; (2) make the scientists of Oklahoma useful to the State in government, education, etc.

MEMBERSHIP: Regular, interest in science; Life: extended services to Academy; Honorary, distinguished service to the State; Student, application, approval by Academy.

MEETINGS: Annual (December), Spring (May).

PROFESSIONAL ACTIVITIES: *Educational:* Awards to high school science students; prizes to winners in Junior Academy competition; visiting scientist program to secondary schools.

PUBLICATIONS: *Proceedings of the Oklahoma Academy of Science*, annual, current volume: 51, \$10. Editor: Donald Kizer. *Annals, Oklahoma Academy of Science*, annual, current volume: 2, \$5. Editor: Donald Kizer.

406 OKLAHOMA ANTHROPOLOGICAL SOCIETY, INC. *Address communications to:* Robert E. Bell, Editor-in-Chief, 455 West Lindsey, Norman, Okla. 73069. (405) 321-8099. President: Lyonel Taylor. Term expires March 1973. Secretary-Treasurer: William H. Harwood. Term expires March 1972. Editor-in-Chief: Robert E. Bell. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1952 in Norman, Oklahoma. Incorporated 1959. *Geographic Divisions:* Eleven.

PURPOSE: To (1) encourage the scientific collection, preservation, classification and study of American Indian ethnological and archaeological remains and materials; (2) increase public knowledge of American Indian ethnology and archaeology by providing public exhibitions of related materials, providing speakers and demonstrations, lectures, etc., open without charge to the general public, and providing an information service to nonmembers who submit specific questions by mail; (3) aid scientific study of ethnology and archaeology by providing materials for laboratory processing; (4) publish books, bulletins, pamphlets, etc.

MEMBERSHIP: Life (7); Honorary Life (2); Contributing (7); Individual (637); Associate (55); Institutional (97); Exchange (15). Open to any individual or institution interested in the prehistory or history of Oklahoma and in sympathy with the Society's objectives.

MEMBERSHIP SERVICES: Supervised, scientific archaeological investigations; access to professional archaeologists in Oklahoma.

MEETINGS: Semiannual (Spring and Fall); Semiannual Digs (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Archaeological digs and reports. *Prizes and Awards:* Golden Trowel, may be annual, to outstanding amateur archaeologist.

PUBLICATIONS: *Oklahoma Anthropological Society Annual Bulletin*, annual, current volume: 20, \$3.50 (individuals), \$5 (institutions). Editor: Don G. Wyckoff. *Oklahoma Anthropological Society Newsletter*, nine issues per year, current volume: 19, \$3.50 (individuals), \$5 (institutions). Editor: James H. Howard. *Oklahoma Anthropological Society Memoir*, irregular, current volume: 1, \$3.75. Editor: Robert E. Bell. *A Guide to the Identification of Certain American Indian Projectile Points*, special irregular bulletins, current volume: 4, \$4. Editor: Gregory Perino.

407 OPERATIONS RESEARCH SOCIETY OF AMERICA.

Address communications to: Robert E. Machol, President, Graduate School of Management, Northwestern University, 339 East Chicago Avenue, Chicago, Ill. 60611. (312) 649-8380. President: Robert E. Machol. Term expires May 1972. President-Elect: Leslie C. Edie. Secretary: Robert M. Oliver. Term expires May 1973. Treasurer: David Boodman. Term expires May 1974.

HISTORY AND ORGANIZATION: Founded May 26, 1952. Incorporated August 20, 1952 in the District of Columbia. *Specialty Divisions:* Cost-Effectiveness; Health Applications; Military Applications; Space Sciences; Transportation Science; Educational Sciences; Urban Sciences. *Relationship with Other Societies:* Member society of the International Federation of Operational Research Societies.

PURPOSE: To (1) advance operations research through exchange of information; (2) establish and maintain professional standards of competence for work known as operations research; (3) improve the methods and techniques of operations research; (4) encourage and develop students of operations research.

MEMBERSHIP: Member (2,358), experience of at least two years demonstrating ability to do effective and original professional work in operations research, or other equivalent experience. Associate (4,555); Student (881).

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Education Committee assembles curricula of course and degree offerings in the field; Visiting Lectureship Program offered jointly with The Institute of Management Sciences. *Prizes and Awards:* Lanchester Prize, annual, \$2,000, best book or paper in the English language on operations research.

PUBLICATIONS: *Operations Research*, six issues per year, current volume: 19, \$17.50. Editor: Hugh J. Miser. *Transportation Science*, quarterly, current volume: 5, \$9. Editor: Robert Herman. *OR/SA Today*, quarterly, current volume: 1, \$5. Editor: Armand B. Weiss.

408 THE OPTICAL SOCIETY OF AMERICA, INC. 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037. (202) 293-1420. President: Bruce H. Billings. Term expires December 1971. President-Elect: Aden B. Meinel. Treasurer: A. I. Mahan. Term expires December 1973. Executive Director: Jarus W. Quinn. Term indefinite. Executive Secretary: Mary E. Warga. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1916 in Rochester, New York. Incorporated in 1932 in the State of New York. *Geographic Divisions:* Nineteen. *Specialty Divisions:* Technical Groups on Aeronautics and Space Optics, Atmospheric Optics, Color, Lasers, Information Processing, Holography and Coherence, Lens Design, Vision, Optical Materials, Radiometry and Photometry, Spectroscopy, Thin Films and Interferometry. *Scientific and Technical*

Committees: Optical Air Resources; Vision and Physiological Optics; Optoelectronics; Uniform Color Scales. *Relationship with Other Societies:* Member of the American Institute of Physics.

PURPOSE: To (1) increase and diffuse the knowledge of optics in all its branches, pure and applied; (2) promote the mutual interests of investigators of optical problems, of designers, manufacturers, and users of optical instruments and apparatus of all kinds and encourage cooperation among them.

MEMBERSHIP: Regular (5,110), appropriate training or experience in optics or related fields; Student (762), devoting more than half time to studies in an educational institution of collegiate grade; Fellow (386), Regular member who has served with distinction in the advancement of optics; Emeritus (164); Honorary (4), pre-eminent service in advancement of optics; Corporation (101).

MEMBERSHIP SERVICES: Traveling lecturers to the Society's local sections.

MEETINGS: Semiannual (March or April and October).

PROFESSIONAL ACTIVITIES: *Research:* Production of set of uniform color samples; production of Handbook of Optics. *Educational:* Awards for exhibits in optics at the International Science Fair; guidance to optics programs of small colleges. *Prizes and Awards:* Frederick Ives Medal, premier medal of the Society, annual, distinguished work in optics; Adolph Lomb Medal, biennial, noteworthy published contribution to optics by person under 30 years; C.E.K. Mees Medal, biennial, exemplification of "optics transcends all boundaries—interdisciplinary and international"; David Richardson Medal, annual, distinguished contribution to applied optics; William G. Meggers Award, annual, outstanding work in spectroscopy; Edgar D. Tiller Award, biennial, distinguished work in the field of vision.

PUBLICATIONS: *Journal of the Optical Society of America*, monthly, current volume: 61, free to members, \$35 (nonmembers). Editor: David L. MacAdam. *Applied Optics*, monthly, current volume: 10, free to members, \$35 (nonmembers). Editor: John N. Howard. *Optics and Spectroscopy*, monthly, current volume: 30, \$15 (members), \$65 (nonmembers). Editor: Patricia R. Wakeling. *Soviet Journal of Optical Technology*, monthly, current volume: 38, \$15 (members), \$40 (nonmembers).

409 OREGON ACADEMY OF SCIENCE. *Address communications to:* Courtland L. Smith, Secretary, Department of Anthropology, Oregon State University, Corvallis, Ore. 97331. (503) 754-1515. President: Clarence A. Porter. Term expires March 1972. President-Elect: William J. Loy. Secretary: Courtland L. Smith. Term expires February 1972. Treasurer: H. Darwin Reese.

HISTORY AND ORGANIZATION: On January 26, 1892, the Science Club of Portland was founded. The name was changed to the Oregon Academy of Science on August 6, 1910. Incorporated in Oregon in 1910. After 1912 the Academy fell into inactivity and its name was dropped from the Portland city directory in 1914. On October 27, 1943, the Academy was reconstituted. *Specialty Divisions:* Anthropology; Biology; Chemistry; Geography; Geology; Mathematics-Physics. *Relationship with Other Societies:* Affiliated with National Academy of Science and American Association for the Advancement of Science.

PURPOSE: To (1) promote research in the several fields of science; (2) stimulate science interest in the general public; (3) collect and preserve scientific materials and objects relating to

the Oregon country; (4) disseminate scientific knowledge.

MEMBERSHIP: Members (237), interested in scientific work.

MEETINGS: Annual (February).

PROFESSIONAL ACTIVITIES: *Research:* Junior Academy scientific and technical research projects on water analysis, salamander coloration, strata and depth on algae growth, effects of pectin on common cold frequency, feasibility of yeast growth on waste wood products, materials for gliders, freemartins in white mice, effect of radiation on animal's diet, holography and astronomy, electrolysis of fused salts and the effects of drugs on animal behavior. *Educational:* Awards for Junior Academy projects. *Prizes and Awards:* Citations recognizing outstanding service to science in Oregon.

PUBLICATIONS: *Proceedings of the Oregon Academy of Science*, annual, current volume: 7, \$4. Editors: Robert Frenkel, Keith Oles.

OSTEOPATHIC MANIPULATIVE THERAPEUTIC AND CLINICAL RESEARCH ASSOCIATION. See AMERICAN ACADEMY OF OSTEOPATHY.

410 PACIFIC COAST ENTOMOLOGICAL SOCIETY. California Academy of Sciences, Golden Gate Park, San Francisco, Calif. 94118. (415) 221-5100. President: F. Louis Blanc. Term expires December 1971. President-Elect: Donald G. Denning. Secretary: Marius S. Wasbauer. Term expires December 1971, reelection automatic. Treasurer: Paul H. Arnaud, Jr. Term expires December 1971, reelection automatic.

HISTORY AND ORGANIZATION: Founded at the California Academy of Sciences in San Francisco, August 7, 1901, as the California Entomological Club. Name changed at the fifth meeting, August 16, 1902, to the Pacific Coast Entomological Society. Incorporated 1940 in California. *Scientific and Technical Committees:* Historical; Salt Marsh Fauna Study. *Relationship with Other Societies:* Affiliate of the Pacific Division of the American Association for the Advancement of Science; participant in 5th and 8th International Congresses of Entomology; participant in 13th International Congress of Zoology; cooperational associate of the California Academy of Sciences.

PURPOSE: To (1) promote, sponsor, foster, and stimulate research in the field of entomology; (2) provide facilities and opportunities for research and analysis of any and all phases of entomology by lectures, forums, discussions, experiments, surveys, public meetings, exhibitions, courses, classes, conferences, symposia, and analyses; (3) publish books, pamphlets monographs, and in general, to disseminate information about entomology and the results of entomological research; (4) accumulate and record historical facts and materials relating to entomology in general; (5) give, grant, and sponsor the granting of fellowships and awards for study or research in the field of entomology; (6) act as a medium for the exchange of information and knowledge and research in entomology between the members of this corporation and scientists and entomologists throughout the world.

MEMBERSHIP: Regular (325), interest in insects or other arthropods; Student (3), registration at any institution of higher learning; Emeritus (1), retired official or emeritus status in profession; Life (13), payment of life membership dues; Honored (3), election by popular vote of Society members; Family (5).

MEETINGS: Monthly (October to May); Annual (December).

PUBLICATIONS: *Pan-Pacific Entomologist*, quarterly, current volume: 47, \$10. Editor: R. W. Thorp.

411 PACIFIC COAST OBSTETRICAL AND GYNECOLOGICAL SOCIETY. *Address communications to:* Melvin W. Breese, Secretary-Treasurer, 1133 Southwest Market Street, Portland, Ore. 97201. (503) 227-6511. President: Ernest W. Page. Term expires October 1971. President-Elect: Purvis L. Martin. Secretary-Treasurer: Melvin W. Breese. Term expires October 1971.

HISTORY: Founded and incorporated in 1931 as the Pacific Coast Society of Obstetrics and Gynecology. Named changed to present title in 1946.

PURPOSE: To advance knowledge in all matters pertaining to the practice of obstetrics and gynecology.

MEMBERSHIP: Life Fellow (59), Fellows active and in good standing for 25 years or 62 years of age; Honorary Fellow (3), distinguished gynecologists and obstetricians or other scientists who have appeared before the Society but are not eligible for Fellowship; Fellow (90), members of the medical profession who reside on the Pacific Slope, are graduates of acceptable medical schools, have been in practice for ten years in a practice limited to obstetrics and/or gynecology, hold certificates with the American Board of Obstetrics and Gynecology or equivalent.

MEETINGS: Annual (Fall).

PUBLICATIONS: *Transactions of the Pacific Coast Obstetrical and Gynecological Society*, annual, current volume: 38, \$25. Editor: Melvin W. Breese.

PACIFIC COAST SOCIETY OF OBSTETRICS AND GYNECOLOGY. See PACIFIC COAST OBSTETRICAL AND GYNECOLOGICAL SOCIETY.

412 PALEONTOLOGICAL RESEARCH INSTITUTION. 1259 Trumansburg Road, Ithaca, N.Y. 14850. (607) 273-6623. President: William B. Heroy. Term expires October 1971. President-Elect: Daniel B. Sass. Director-Treasurer: Katherine V. W. Palmer. Term indefinite. Secretary: Rebecca S. Harris. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1932 in Ithaca, New York. Chartered by the University of the State of New York, Educational Department. Incorporated 1932 in New York State. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science. The Tompkins County Gem and Mineral Club is a Sustaining Member.

PURPOSE: To (1) receive, collect, preserve and make accessible to students and scientists paleontological and geological type specimens and exhibits; (2) make and conduct scientific explorations, researches, investigations and experiments; (3) collect and preserve scientific data, reports, graphs, maps, documents and publications; (4) make available by publications, exhibits, lectures and otherwise all information at its disposal; (5) hold in trust or properly disburse funds provided by benefactors for research or scholarships; (6) stimulate interest in and increase and disseminate scientific knowledge particularly in reference to paleontology.

MEMBERSHIP: Regular (329); Patron (15); Life (7); Sustaining (10).

MEMBERSHIP SERVICES: Research services, use of material, room space; special consultation, library facilities, answers to requests.

MEETINGS: Annual (October); April.

PROFESSIONAL ACTIVITIES: *Research:* Molluscan Fauna of the Ocala Eocene Group of Florida; Bibliographic Catalogue of the Voyages of the World for Scientific Purposes. *Educational:*

Museum exhibits; public lectures; informal talks; aid in study of fossils and invertebrates.

PUBLICATIONS: *Bulletins of American Paleontology*, irregular, current volume: 60, 61, \$36. Editor: Katherine V. W. Palmer. *Palaontographica Americana*, irregular, current volume: 7. Editor: Katherine V. W. Palmer.

413 THE PALEONTOLOGICAL SOCIETY. *Address communications to:* Warren O. Addicott, Secretary, 345 Middlefield Road, Menlo Park, Calif. 94025. (415) 325-6761. President: Bernard Kummel. Term expires November 1971. President-Elect: Curt Teichert. Secretary: Warren O. Addicott. Term indefinite. Treasurer: George J. Verville. Term indefinite.

HISTORY AND ORGANIZATION: Incorporated in Massachusetts. *Geographic Divisions:* Pacific Coast Section. *Relationship with Other Societies:* Associated with the Geological Society of America.

PURPOSE: To advance the science of paleontology.

MEMBERSHIP: Member (1,200), professionals and amateurs interested in paleontologic work; Correspondent (8), distinguished attainment in the field of paleontology, nonresidents of North America.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* The Paleontological Society Medal, usually annual, eminence based on advancement of knowledge in paleontology.

PUBLICATIONS: *Journal of Paleontology* (published jointly with the Society of Economic Paleontologists and Mineralogists), six issues per year, current volume: 45, \$29. Editors: N. G. Lane and P. P. Vaughn.

414 PAN AMERICAN CANCER CYTOLOGY SOCIETY. 6200 N.W. Miami Court, Miami, Fla. 33150. (305) PL1-4581. President: Helmut E. Fergel. Term indefinite. President-Elect: Purvis Martin. Treasurer: Carl T. Javert. Term indefinite. Executive Officer: J. Ernest Ayre. Term indefinite.

HISTORY: Founded in Miami, Florida in 1957.

PURPOSE: To (1) develop and extend the use of cytologic diagnosis, training and research; (2) encourage the establishment of cytology centers and educational programs in cancer cytology; (3) promote mass cytodiagnostic screening programs; (4) organize international cytology congresses; (5) publish the journal *Cancer Cytology*; (6) aid in the establishment of international fellowships for training of cytologists and cytotechnologists.

MEMBERSHIP: Cytologist-Member, M.D. or Ph.D. actively interpreting a minimum of 1,200 cytology tests per year, teaching cytology, engaging in research relative to field or having reputation in field based on reputation or publications; Member, gynecologist, obstetrician, pathologist, biochemist, dentist or other person having special interest in cancer cytology; Associate, technician or cytotechnologist in the field.

MEETINGS: International Congress (Triennial).

PUBLICATIONS: *Cancer Cytology*, biannual, current volume: 11, \$6. Editor: J. Ernest Ayre.

415 PARAPSYCHOLOGICAL ASSOCIATION. *Address communications to:* University of Virginia Medical Center, Box 152, Charlottesville, Va. 22901. (703) 924-2281. President: Gertrude R. Schneider. Term expires December 1971. Secretary: Robert L. Van de Castle. Term expires December 1971. Treasurer: Ian Stevenson. Term expires December 1971.

HISTORY AND ORGANIZATION: Founded in June 1957 as an outcome of a special workshop held at the Parapsychology Laboratory of Duke University. The first annual convention was held in 1958. *Relationship with Other Societies:* Affiliate of American Association for the Advancement of Science.

PURPOSE: To (1) advance parapsychology as a science; (2) disseminate knowledge of the field; (3) integrate the findings with those of other branches of science.

MEMBERSHIP: Member (93), Ph.D., published a parapsychological paper in a professional journal; Associate (107), college graduate or member of research staff; Honorary (5), contributions in areas other than scientific research.

MEETINGS: Annual (early September).

PUBLICATIONS: *Proceedings of the Parapsychological Association*, annual, current volume: 8, free to members. Editor: William Roll. *Bulletin of the Parapsychological Association*, irregular, free to members. Editor: William Roll.

416 THE PENNSYLVANIA ACADEMY OF SCIENCE. *Address communications to:* J. Donald Ryan, Secretary, Department of Geological Science, Lehigh University, Bethlehem, Pa. 18015. (215) 691-7000. President: William A. Uricchio. Term expires 1971. President-Elect: Bernard Fried. Secretary: J. Donald Ryan. Term expires April 1972. Treasurer: Charles Rutsky, III. Term indefinite.

HISTORY: Organized April 18, 1924.

PURPOSE: To encourage scientific activities in the Commonwealth.

MEMBERSHIP: Active; Associate; Sustaining; Institutional. Total membership: 660.

MEETINGS: Semiannual (Spring, Winter).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Darbaker Award, best paper of the year in microbiology.

PUBLICATIONS: *Proceedings of Pennsylvania Academy of Science*, annual, current volume: 44, \$10. Editor: Glenn G. Bengtson. *Newsletter*, 6 issues per year. Editor: Phyllis C. Martin.

PHARMACEUTICAL ASSOCIATION OF SOUTH CAROLINA. *See THE SOUTH CAROLINA PHARMACEUTICAL ASSOCIATION.*

417 PHILOSOPHY OF SCIENCE ASSOCIATION. 18 Morrill Hall, Michigan State University, East Lansing, Mich. 48823. (517) 353-9392. President: Wesley C. Salmon. Term expires December 1972. Secretary-Treasurer: Peter D. Asquith.

HISTORY AND ORGANIZATION: Founded in 1934. *Relationship with Other Societies:* International member of the International Union of History and Philosophy of Science—Division of Logic, Methodology and Philosophy of Science; affiliate of American Association for the Advancement of Science.

PURPOSE: To (1) further studies and free discussion from diverse standpoints in the field of philosophy of science; (2) publish a periodical devoted to such studies in this field; (3) publish essays and monographs in this field which are too lengthy for publication in a periodical.

MEMBERSHIP: Full (774), Ph.D. in any philosophical or scientific field; Associate (52), sympathy with the objects of the Association; Student (78), student in any discipline.

MEETINGS: Biennial (October, even numbered years).

PUBLICATIONS: *Philosophy of Science: Official Journal of the Philosophy of Science Association*, quarterly, current volume: 38, \$15. Editor: Richard S. Rudner. *Philosophy of Science*

Association Newsletter, irregular, current volume: 1, free to members. Editor: Peter D. Asquith.

418 PHYCOLOGICAL SOCIETY OF AMERICA. *Address communications to:* Patricia L. Walne, Secretary, Department of Botany, University of Tennessee, Knoxville, Tenn. 37916. (615) 974-2256. President: Richard E. Norris. Term expires December 1971. Secretary: Patricia L. Walne. Term expires December 1972. Treasurer: Norma J. Lang. Term expires December 1973.

HISTORY AND ORGANIZATION: Established 1946. *Relationship with Other Societies:* Affiliated with the American Institute of Biological Sciences.

PURPOSE: To advance phycology.

MEMBERSHIP: Individual (838), persons interested in phycology; Libraries and Organizations (451), organizations desiring to promote research in phycology.

MEETINGS: Annual

PUBLICATIONS: *Journal of Phycology*, quarterly, current volume: 7, \$12. Editor: Luigi Provasoli.

PLANT ENGINEERS SOCIETY. *See AMERICAN INSTITUTE OF PLANT ENGINEERS.*

419 POPULATION ASSOCIATION OF AMERICA, INC. P.O. Box 14182, Benjamin Franklin Station, Washington, D.C. 20044. (202) 393-3253. President: Nathan Keyfitz. Term expires April 1971. President-Elect: Amos H. Hawley. Secretary-Treasurer: James W. Brackett. Term expires April 1972.

HISTORY AND ORGANIZATION: Established 1932. Incorporated 1937 in New York State. *Scientific and Technical Committees:* Ethical Concerns of Demographers; International Census Reports and Demographic Documents; Population Statistics; Directory of Population Study Centers; Recruitment and Training of Demographers; Careers Pamphlet. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science; represented in the Behavioral Sciences Division, National Academy of Sciences.

PURPOSE: To promote the improvement, advancement, and progress of the human race by means of research with respect to problems connected with human population, in both its quantitative and qualitative aspects, and the dissemination and publication of the results of this research.

MEMBERSHIP: Regular (1,302), anyone interested in demography; Student (502), registered full-time; Emeritus (31), member for at least 15 years and retired from regular employment; Joint (27), spouse of a member.

MEMBERSHIP SERVICES: Travel expenses for international meetings; employment service.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Development of a system making international census and demographic documents available to students for demographic research; directory of demographic training centers; pamphlet on careers in demography; bibliography of demographic studies; a continuing study and review of problems of the census and various other units of the federal statistical system; a study of recruitment and training of demographers, with concern for the curriculum and manpower aspects of the profession; small-scale studies to support recommendations to federal agencies, particularly the Bureau of Census.

PUBLICATIONS: *Demography*, quarterly, current volume: 8, \$15. Editor: Beverly Duncan. *Population Index*, quarterly, current volume: 37, \$15. Editor: Ansley J. Coale. *PAA*

Affairs, quarterly, current volume: 4, free to members. Editor: Abbott L. Ferriss. *Directory of Members*, biennial, \$2.

420 THE POTATO ASSOCIATION OF AMERICA. Rutgers—The State University, New Brunswick, N.J. 08903. (609) 655-3458. President: Robert H. Johansen. Term expires July 1971. President-Elect: Robert L. Plaisted. Secretary: Hugh J. Murphy. Term indefinite. Treasurer: John C. Campbell. Term expires 1973.

HISTORY AND ORGANIZATION: Founded November 21, 1912 in New York City as the National Potato Association of America. Incorporated 1913 in New Jersey. In 1917, name changed to present form. *Specialty Divisions:* Potato Certification.

PURPOSE: To collect and disseminate scientific and general information related to all phases of the potato industry.

MEMBERSHIP: Regular (2,600), any person, firm or organization interested in any phase of the potato industry such as research, regulation, production, marketing and processing; Sustaining (14); Honorary Life (68), individual selected at the discretion of Executive for outstanding contribution to potato industry.

MEETINGS: Annual (Summer).

PUBLICATIONS: *American Potato Journal*, monthly, current volume: 48, \$10. Editor: John C. Campbell.

421 THE POULTRY SCIENCE ASSOCIATION, INC. Texas A&M University, College Station, Tex. 77843. President: C. W. Carlson. President-Elect: Walther H. Ott. Secretary-Treasurer: C. B. Ryan.

HISTORY AND ORGANIZATION: Originated in 1908 as the International Association of Instructors and Investigators in Poultry Husbandry. Name changed in 1912 to the American Association of Instructors and Investigators in Poultry Husbandry. Name changed to present title in 1926. *Relationship with Other Societies:* Affiliated with the American Institute of Biological Sciences, American Association for the Advancement of Science and the World's Poultry Science Association.

PURPOSE: To advance poultry science throughout the U.S. and Canada, especially as it relates to the professions of research and teaching, extension and technical services.

MEMBERSHIP: Active (1,450), college graduate engaged in instruction, investigation or extension work in the poultry industry, regularly employed by an educational or research institution or a state, province or federal governmental department; Emeritus (100), retired life members; Student (3), undergraduate in poultry science.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Poultry Science Research Prize, to an Active member for the most outstanding piece of research published in the preceding year; Ralston Purina Teaching Award, \$1,000 for the encouragement of teaching methods and contributions to the field of teaching; Pfizer Extension Teaching Award, \$1,000, outstanding poultry extension work; CPC International, Inc. Award, \$1,500 and plaque, distinctive contributions to poultry science advancement covering a period of not more than seven years preceding the annual award; American Feed Manufacturers' Association Award, \$1,000 and plaque, distinctive work demonstrating sound research in poultry nutrition supplemented by capacity for research; Institute of American Poultry Industries Award, \$1,000 and plaque, biennial, outstanding research in the field of marketing.

PUBLICATIONS: *Poultry Science*, bimonthly, current volume: 50, \$30. Editor: H. D. Branson.

422 PSYCHOMETRIC SOCIETY. *Address communications to:* W. B. Schrader, Secretary, Educational Testing Service, Princeton, N.J. 08540. (609) 921-9000. President: Louis Guttman. Term expires September 1971. President-Elect: Samuel Messick. Treasurer: Roger Pennell. Term expires September 1972. Secretary: W. B. Schrader. Term expires September 1973.

HISTORY AND ORGANIZATION: Founded in Chicago, Illinois in 1935. Incorporated March 8, 1962 in New Jersey. *Relationship with Other Societies:* Annual meetings and joint programs with the American Psychological Association; affiliate of the American Association for the Advancement of Science; represented on Committee on Liaison and Statistical Societies of the Council of Presidents of Statistical Societies.

PURPOSE: To (1) contribute to the development of psychology as a quantitative rational science, involving the formulation of hypotheses in mathematical form, their development into a consistent quantitative psychological theory and quantitative tests of the agreement between theory and experimental data; (2) disseminate information regarding its purposes to and among its members.

MEMBERSHIP: Regular, endorsement by two Regular members, vote by Trustees and membership; Student, enrolled as a graduate student, one endorsement, vote by Trustees; Affiliate, resident of a country other than U.S. or Canada, one endorsement, vote by Trustees.

MEETINGS: Annual, in conjunction with American Psychological Association (late August or early September); Spring (February, March or April).

PUBLICATIONS: *Psychometrika*, quarterly, current volume: 36, \$14. Editor: Chester W. Harris. *Psychometric Monograph Supplement*, irregular current volume: 17. Editor: Bert F. Green, Jr.

423 PSYCHONOMIC SOCIETY. *Address communications to:* Fred A. Mote, Secretary-Treasurer, Psychology Building, University of Wisconsin, Madison, Wisc. 53706. Chairman of the Board: Delos D. Wickens. Term expires December 1971. Secretary-Treasurer: Fred A. Mote. Term expires December 1973.

HISTORY: Founded December 28, 1959. Incorporated April 1960 in Wisconsin. First meeting, University of Chicago, September 1960.

PURPOSE: To promote the communication of scientific research in psychology and allied sciences through meetings and publications.

MEMBERSHIP: Member (1,607), Ph.D. and substantial published research other than the Ph.D. dissertation.

MEETINGS: Annual (Fall).

PUBLICATIONS: *Psychonomic Science*, semimonthly, current volume: 22, \$50. Editor: Clifford T. Morgan. *Perception & Psychophysics*, monthly, current volume: 9, \$30. Editor: Charles W. Eriksen. *Behavior Methods & Instrumentation*, bimonthly, current volume: 3, \$12.50.

424 RADIATION RESEARCH SOCIETY. 4211 39th Street, N.W., Washington, D.C. 20016. (202) 244-5786. President: John S. Laughlin. Term expires May 1971. President-Elect: N. F. Barr. Secretary-Treasurer: Falconer Smith. Term expires May 1972. Executive Secretary: Richard J. Burk, Jr.

HISTORY AND ORGANIZATION: Founded in 1952 and incorporated under the laws of the District of Columbia as an international, nonprofit, scientific and educational association.

Scientific and Technical Committees: History; Finance; Education; International Affairs; Public Policy. *Relationship with Other Societies:* Affiliated with International Association for Radiation Research; represented in various divisions of the National Academy of Science.

PURPOSE: To (1) encourage in the broadest manner the advancement of radiation research in all areas of the natural sciences; (2) facilities cooperative research between the disciplines of physics, chemistry, biology, and medicine in the study of the properties and effects of radiation; (3) promote dissemination of knowledge in these and related fields through publications, meetings and educational symposia.

MEMBERSHIP: Members, elected, meritorious contributions to advancement of radiation physics, chemistry, biology or medicine; Associate, graduate students and others showing promise of qualifying as Members in future; Sustaining, elected, demonstrated substantial acts benefitting the Society, Emeritus, retired.

MEMBERSHIP SERVICES: Placement service; refresher courses. **MEETINGS:** Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Failla Memorial Lectureship, annual; Research Award, to scientist under 40 years of age for meritorious contributions to radiation research; Travel Awards, to junior investigators.

PUBLICATIONS: *Radiation Research*, monthly, current volume: 45. Editor: T. C. Evans. *Memorandum* six issues per year, current volume: 4, free to members. Editor: R. J. Burk, Jr.

RECIPROCAL MEAT CONFERENCE. See AMERICAN MEAT SCIENCE ASSOCIATION.

425 RETICULOENDOTHELIAL SOCIETY. *Address communications to:* Sigurd J. Normann, Secretary, Department of Pathology, College of Medicine, J. Hillis Miller Health Center, University of Florida, Gainesville, Fla. 32601. (904) 392-3146. President: Guy P. Youmans. Term expires January 1972. Secretary: Sigurd J. Normann. Term expires January 1972. Treasurer: Sherwood Reichard. Term expires January 1972.

HISTORY AND ORGANIZATION: Founded 1954. Incorporated 1965. *Scientific and Technical Committees:* Publications; Program. *Relationship with Other Societies:* Affiliated interests and international meetings with the Japan Society of Reticuloendothelial System.

PURPOSE: To (1) facilitate the association of scientists studying the reticuloendothelial system and related areas; (2) stimulate presentation and discussion of objectives pertaining to the reticuloendothelial system; (3) foster research in this field; (4) publish an appropriate journal.

MEMBERSHIP: Active (634), demonstrated excellence in one or more of the allied fields of the reticuloendothelial system; Corporate (21), any institution desiring to support the Society.

MEETINGS: Annual National (Fall); Triennial International (Summer).

PROFESSIONAL ACTIVITIES: *Research:* Reticuloendothelial Society Information Project.

PUBLICATIONS: *Journal of the Reticuloendothelial Society*, monthly, current volume: 9, \$15 (members), \$45 (nonmembers). Editor: John Rebeck. *Directory*, annual.

426 RHODE ISLAND MEDICAL SOCIETY. 106 Francis Street, Providence, R.I. 02903. President: William J. MacDonald. Executive Secretary: John E. Farrell. Term indefinite.

HISTORY: Founded 1812.

PURPOSE: To (1) promote the science and art of medicine and the betterment of public health; (2) promote friendly intercourse among physicians; (3) enlighten and direct public opinion in regard to the problems of medicine.

MEMBERSHIP: Active (1,150), doctors of medicine in good standing in the county or district component medical societies. **MEETINGS:** Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Fiske Fund Prize Essay, \$500, best essay on a subject announced by the Trustees of the Fund; Dr. Charles V. Chapin Memorial Award, annual; Dr. Charles V. Chapin Oration Lecture.

PUBLICATIONS: *Rhode Island Medical Journal*, monthly, current volume: 50, \$5. Editor: Seebert J. Godlowsky.

ROENTGEN SOCIETY OF THE UNITED STATES. See AMERICAN ROENTGEN RAY SOCIETY.

RORSCHACH RESEARCH EXCHANGE. See SOCIETY FOR PERSONALITY ASSESSMENT, INC.

427 RURAL SOCIOLOGICAL SOCIETY. *Address communications to:* Howard M. Sauer, Secretary-Treasurer, Rural Sociology Department, South Dakota State University, Brookings, S.D. 57006. (605) 688-4132. President: Glenn V. Fugitt. President-Elect: James H. Copp. Secretary-Treasurer: Howard M. Sauer.

HISTORY AND ORGANIZATION: Established in December 1937, prior to which time its membership had functioned as a section of the American Sociological Society. *Scientific and Technical Committees:* Development; Program; Publications. *Relationship with Other Societies:* Affiliated with the American Sociological Association.

PURPOSE: To promote development of rural sociology through research, teaching and extension work.

MEMBERSHIP: Active (536), person with a professional commitment to the field of rural sociology; Joint (50), husband and wife; Emeritus (19), Active member for 10 years upon retirement; Associate (194), anyone with an interest in the field of rural sociology; Student (260), undergraduate or graduate student in residence at an educational institution; Sponsored (5), person whose dues are provided by another person.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Research:* Development and improvement of the scientific study of rural life and the application of the results of research to the solution of rural life problems. *Prizes and Awards:* Ph.D. Dissertation Award, annual, \$100.

PUBLICATIONS: *Rural Sociology*, four issues per year, current volume: 36, \$12. Editor: Frederick C. Fliegel.

SANTA FE ARCHAEOLOGICAL SOCIETY. See ARCHAEOLOGICAL SOCIETY OF NEW MEXICO.

SCHOOL NATURE LEAGUE, INC. See NATIONAL AUDUBON SOCIETY, INC.

428 SCHOOL SCIENCE AND MATHEMATICS ASSOCIATION, INC. P.O. Box 246, Bloomington, Ind. 47401. (812) 332-6020. President: James Ulrich. Term expires November 1971. President-Elect: Richard Haney. Executive Secretary: Donald R. Winslow. Term expires June 1972.

HISTORY AND ORGANIZATION: Formerly known as Central Association of Science and Mathematics Teachers, Inc. Incorporated 1903 in Illinois. *Scientific and Technical Committees:*

Invitational Seminars. *Relationship with Other Societies*: Affiliated with the American Association for the Advancement of Science.

PURPOSE: To (1) facilitate the dissemination of knowledge in mathematics and the sciences; (2) emphasize the interdependence of mathematics and the sciences in education, research, writing and curriculum development; (3) make information available to teachers; (4) assist with identifying aspects of science and mathematics which illustrate societal issues and concerns.

MEMBERSHIP: Active (1,500); Student, full time college student; Emeritus (55), 25 years Active membership; Honorary; Sustaining; Life.

MEETINGS: Annual (November); Invitational Seminars (Spring).

PROFESSIONAL ACTIVITIES: *Educational*: Special workshops conducted during conventions, usually on new curricular or teaching topics.

PUBLICATIONS: *School Science and Mathematics*, 9 issues per year, current volume: 71, \$10. Editor: George G. Mallinson. *Association Happenings*, 4 issues per year, current volume: 2, free to members. Editor: Donald R. Winslow.

SCIENCE CLUB OF PORTLAND. See OREGON ACADEMY OF SCIENCE.

429 SEISMOLOGICAL SOCIETY OF AMERICA. P. O. Box 826, Berkeley, Calif. 94701. (415) 548-0575. President: James N. Brune. Secretary: Don Tocher. Term expires March 1971. Treasurer: Robert D. Nason.

HISTORY AND ORGANIZATION: The Seismological Society of America originated in San Francisco in August 1906 - only a few months after the San Francisco earthquake. Incorporated 1906 in California. Eastern Section formed in 1926. *Relationship with Other Societies*: Member of American Geological Institute; affiliate of Geological Society of America; member of U.S. National Committee on the International Institute of Earthquake Engineering.

PURPOSE: To (1) promote research in seismology, the scientific investigation of earthquakes and related phenomena; (2) promote public safety by all practical means; (3) enlist the interest of engineers, architects, contractors, insurance men, and property owners in the obligation to protect the community against disasters due to earthquake fires and earthquakes; (4) inform the public by appropriate publications and lectures.

MEMBERSHIP: Regular (1,226), application approved by the Executive Committee; Life (16), application approved by the Executive Committee; Honorary (2), election by Board, distinguished attainment in seismology or related fields; Corporate (17), application and approval.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Research*: Annual scientific sessions.

PUBLICATIONS: *Bulletin of the Seismological Society of America*, bimonthly, current volume: 61, \$48. Editor: Bruce A. Bolt. *Earthquake Notes*, quarterly, current volume: 42, \$4. Editor: Rutledge J. Braze.

430 SIMULATION COUNCILS, INC. P.O. Box 2228, La Jolla, Calif. 92037. (714) 459-3888. President: Frank C. Rieman. Term expires November 1971. Secretary: Stanley Rogers. Term indefinite. Treasurer: O. J. Mancini. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1952 in Oxnard, California as the Simulation Council. Incorporated 1957 in California under present title. *Geographic Divisions*: Nine.

Specialty Divisions: World Simulation Organization, founded in 1970. *Scientific and Technical Committees*: Member society of the American Federation of Information Processing Societies and the Joint Computer Conference Board; participating society of the American Automatic Control Council; scientific associate member of the International Association for Analog Computation; affiliated society of the Institute of Electrical and Electronics Engineers Computer Society.

PURPOSE: To (1) promote the advance of simulation and allied computer arts and to this end to (2) sponsor meetings and informal discussions within this field; (3) publish reports of the substance of meetings and other information of interest to people connected with simulation and allied arts; (4) arrange from time to time for the display and demonstration of simulation, computing, and other related equipments of interest to people connected with simulation and allied arts; (5) cooperate with other technical societies and with educational institutions in activities which contribute to the advancement of simulation, machine computation and allied arts.

MEMBERSHIP: Member, professionally engaged for at least four years in any phase of simulation and allied computer technology; Senior, twelve years of professional level experience in simulation and allied computer technology and demonstrated competence in the field as shown by having (a) held progressively more responsible positions in the field over a period of years, (b) contributed technical advances to the field through professional publications, (c) established a professional reputation in the field, (d) taught professional level courses in the field, or (e) participated in professional society activities in the field; Life, unusual professional distinction in the field; Student, full-time enrollment in an institution of higher learning, including graduate students with teaching fellowships; Associate, interest in the technology of simulation or in applications of the computer arts and sciences; Corporate.

MEMBERSHIP SERVICES: Employment service.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research*: The World Simulation Organization has held three invitational workshops to develop an effective approach to simulating very large rather intractable, and not fully understood systems. *Educational*: Instructional seminars; National Invitational Seminar held each Fall. *Prizes and Awards*: COMCOR Marv Emerson Award, \$1000, five awards, development of improved methods of teaching at university level by use of simulation; Electronic Associates, Inc. Senior Scientific Simulation Award, \$500, annual, outstanding contributions to the art of simulation; Electronic Associates, Inc. Student Papers Competition, \$50, several may be awarded annually, high quality papers submitted to *Simulation* by full-time students.

PUBLICATIONS: *Simulation*, monthly, current volume: 16, \$28 (nonmembers). Editor: John McLeod. *Simulation Councils Proceedings*, semiannual, current volume: 1, \$35.

431 SOCIETY FOR AMERICAN ARCHAEOLOGY. 1703 New Hampshire Avenue, N.W., Washington, D.C. 20009. (202) 232-8800. President: Richard S. McNeish. Term expires May 1972. President-Elect: Charles C. DiPeso. Secretary: T. Patrick Culbert. Term expires May 1972. Treasurer: Jane H. Kelley. Term expires May 1973. Business Manager: Edward J. Lehman.

HISTORY: Organized December 28, 1934 in Pittsburgh, Pennsylvania.

PURPOSE: To (1) promote and stimulate interest and research in the archaeology of the American continents; (2) encourage a

more rational public appreciation of the aims and limitations of archaeological research; (3) serve as a bond among those interested in American archaeology, both professionals and non-professionals and to aid in directing their efforts into more scientific channels; (4) publish and encourage the publication of research results; (5) foster the formation and welfare of local archaeological societies; (6) advocate and aid in the conservation of archaeological data; (7) discourage commercialism in the archaeological field and work for its elimination.

MEMBERSHIP: Open to anyone interested in archaeology. Institutional; Individual. Total membership 3,800.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Viking Fund Award.

PUBLICATIONS: *American Antiquity*, quarterly, current volume: 36, \$10, \$15, \$20. Editor: Edwin M. Wilmsen. *Memoirs of the Society for American Archaeology*, irregular, current volume: 24, free to members. Editor: Stuart Struver.

432 SOCIETY FOR APPLIED ANTHROPOLOGY. 1703 New Hampshire Avenue, N.W., Washington, D.C. 20009. (202) 232-8800. President: Lambros Comitas. Term expires April 1971. President-Elect: Phileo Nash. Secretary-Treasurer: Art Gallaher, Jr. Term expires April 1971. Business Agent: Edward J. Lehman.

HISTORY: Incorporated as a scientific society in 1941 under the laws of the Commonwealth of Massachusetts.

PURPOSE: To (1) promote interdisciplinary scientific investigation of the principles controlling the relations of human beings to one another; (2) encourage the wide application of these principles to practical problems.

MEMBERSHIP: Fellow (\$63), Ph.D. or competence in anthropology; Regular (\$41), interest; Institutional (1,979), interest; Student (\$183), interest.

MEETINGS: Annual (Spring).

PUBLICATIONS: *Human Organization*, quarterly, current volume: 30. Editor: Deward Walker.

433 SOCIETY FOR APPLIED SPECTROSCOPY. Address communications to: Andrew F. Rekus, Secretary, P.O. Box 9803, Baltimore, Md. 21204. (301) 234-5200. President: Leopold May. Term expires December 1971. President-Elect: R. K. Skogerboe. Secretary: Andrew F. Rekus. Term expires January 1974. Treasurer: Elma Lanterman. Term expires December 1972.

HISTORY AND ORGANIZATION: The Federation of Spectroscopic Societies was founded March 1956 at Pittsburgh, Pennsylvania. From this Federation the Society for Applied Spectroscopy was founded November 1958 in New York City. Incorporated in Pennsylvania November 7, 1960. *Geographic Divisions:* Twenty-seven. *Relationship with Other Societies:* Affiliated society of the American Institute of Physics.

PURPOSE: To advance and disseminate knowledge and information concerning the art and science of spectroscopy and other allied sciences.

MEMBERSHIP: Regular (3,985), engaged in study or use of spectroscopy and/or interested in objectives of the Society; Student (20), full-time undergraduate or graduate engaged in spectroscopy and/or interest in the Society; Sponsoring (27), corporate body or company interested in promoting the objectives of the Society on a national scale; Supporting (52), corporate body interested in promoting the objectives of the Society.

MEMBERSHIP SERVICES: Tour speakers, select journals at

reduced cost, employment placement service.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Short courses; continuing education programs; professional development program for scientists. *Prizes and Awards:* William F. Megger Award, annual, outstanding paper published in the Society's journal; Maurice F. Hasler Award, annual, notable achievement in spectroscopy, open internationally; William J. Pochman Award, annual, to local section whose programs and activities are judged to be most outstanding.

PUBLICATIONS: *Applied Spectroscopy*, bimonthly, current volume: 24, \$15. Editor: John R. Ferraro.

SOCIETY FOR AUTOMATION IN BUSINESS EDUCATION.
See SOCIETY OF DATA EDUCATORS.

434 THE SOCIETY FOR CLINICAL AND EXPERIMENTAL HYPNOSIS, INC. 140 West End Avenue, New York, N.Y. 10023. (212) 873-7200. President: John G. Watkins. Term expires October 1971. Executive Secretary: Edward Dangrove. Term expires October 1971. Treasurer: Milton Jabush. Term expires October 1971. Administrative Secretary: Marion Kenn.

HISTORY AND ORGANIZATION: Founded June 12, 1949. Incorporated under the provisions of the Board of Regents on behalf of the Education Department of the State of New York on June 28, 1963. *Scientific and Technical Committees:* Education and Training; Ethics and Professional Attitudes; Research; Television and Radio. *Relationship with Other Societies:* Affiliated with the International Society of Clinical and Experimental Hypnosis and the American Association for the Advancement of Science.

PURPOSE: To (1) stimulate and support the professional pursuit of research in hypnosis and its boundary areas; (2) encourage cooperation among members of professional and scientific disciplines with regard to the utilization of hypnosis both in research and in practice; (3) support communication by scientific meetings as well as by publications; (4) set up standards of adequacy and ethics for those making use of hypnosis; (5) strive toward the establishment of formal and standardized training facilities for those who qualify.

MEMBERSHIP: Student Affiliate (33), student currently in pursuit of graduate degree in psychology or serving either internship or residency; Associate (171), Doctor's degree in medicine, dentistry or psychology, completed an acceptable initial course in hypnotic techniques, using hypnosis in clinical practice or research; Full (185), in addition to an Associate's requirements, two additional years of acceptable experience in the clinical uses of hypnosis and published scientific paper in the field; Fellow (83), member making outstanding contribution either to the Society or to the field of scientific hypnosis.

MEMBERSHIP SERVICES: Dissemination of reports on ongoing research in the field of hypnosis; referral service.

MEETINGS: Annual (October or November).

PROFESSIONAL ACTIVITIES: *Research:* Survey on colleges and universities throughout the nation giving courses in hypnosis; survey of membership for ongoing research. *Educational:* Workshops (beginners, advanced, dental, medical, psychotherapists) at annual meeting; symposia, formal papers and conversations during scientific program portion of annual meeting. *Prizes and Awards:* Certificate of Merit, best paper in clinical hypnosis; Certificate of Merit, best research paper in experimental hypnosis; Arthur Shapiro Award, best book on hypnosis; Bernard B. Raginsky Annual Award, leadership and achievement; Shirley Schneck Award, to the physician who

has made significant contributions to the development of medical hypnosis; Morton Prince Award, distinguished contribution to the development of hypnosis in the science and profession of psychology.

PUBLICATIONS: *International Journal of Clinical and Experimental Hypnosis*, quarterly, current volume: 19. Editor: Martin T. Orne. *SCEH Newsletter*, quarterly, current volume: 12, \$5. Editor: Marion Kenn. *SCEH Directory*, biennial, \$2. Editor: Marion Kenn.

435 SOCIETY FOR CRYOBIOLOGY. 12111 Parklawn Drive, Rockville, Md. 20852. (301) 881-8141. President: Jacob Levitt. Term expires January 1973. President-Elect: Peter Mazur. Secretary: Mary Anne Brock. Term expires January 1973. Treasurer: Arthur W. Rowe. Term expires January 1973.

HISTORY: Organized and incorporated March 20, 1964 in Maryland.

PURPOSE: To promote and disseminate research in the field of low temperature biology.

MEMBERSHIP: Regular (703), sponsorship by Regular member or friend of the Society; Student (14), sponsorship by Regular member or friend of the Society; Corporate (2), by invitation of the Society on an annual basis.

MEETINGS: Annual (July or August).

PUBLICATIONS: *Cryobiology*, bimonthly, current volume: 8, \$20. Editor: Joseph A. Panuska.

436 SOCIETY FOR DEVELOPMENTAL BIOLOGY, INC. P.O. Box 2782, Kalamazoo, Mich. 49003. (616) 345-7476. President: Folke Skoog. Term expires June 1971. President-Elect: Frank H. Ruddle. Secretary: Malcolm S. Steinberg. Term expires June 1973. Treasurer: John Papaconstantinou. Term expires June 1972. Business Manager: W. Sue Badman.

HISTORY: Organized in August 1939 as the Society of Development and Growth. In 1965 name changed to present title. Incorporated 1966 in Ohio.

PURPOSE: To (1) further the study of development in all organisms and at all levels; (2) represent students of development and further communication among them.

MEMBERSHIP: Full (758), Doctoral degree or equivalent and an interest in development and growth; Student, enrolled in a graduate program leading to advanced degree in developmental biology or related field; Emeritus (26), retired Full member; Foreign (12).

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Educational:* Sponsors regional meetings and workshops, involving local scientists and students, to present and discuss current research in developmental biology.

PUBLICATIONS: *Developmental Biology*, eight issues per year, current volume: 24, \$56. Editor: Elizabeth Hay. *Symposia of the Society for Developmental Biology*, annual, current volume: 29.

437 THE SOCIETY FOR ECONOMIC BOTANY. *Address communications to:* Llewellyn Williams, Secretary, New Crops Research Branch, USDA, Box 31, Beltsville, Md. 20705. (301) 474-6500. President: George H. M. Lawrence. Term expires December 1971. Secretary: Llewellyn Williams. Term expires December 1971. Treasurer: Ara Der Marderosian. Term expires December 1972.

HISTORY: In October 1959, a pro-tem Council appointed a Nominating Committee to prepare a slate of candidates for the

Society's first formal election. The constitution of the Society was drawn up on May 21, 1960, and revised on August 3, 1960, and again on May 12, 1961.

PURPOSE: To (1) foster and encourage scientific research on the uses of plants; (2) make the results of such research available to the scientific community through scientific meetings and the publication of the journal.

MEMBERSHIP: Life (20), research and publications on the use of plants; Annual (434).

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Research:* Economic botany; pharmacognosy; screening of plants to evaluate their anticancer activity; ethnobotany.

PUBLICATIONS: *Economic Botany*, quarterly, current volume: 25, \$7.50. Editors: Richard Evans Schultes, Joseph G. Sutton.

438 SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE. 630 West 168th Street, New York, N.Y. 10032. (212) WA 7-6914. President: Roy O. Greep. Term expires 1971. President-Elect: Irvine Page. Secretary-Treasurer: Louis J. Cizek. Term indefinite.

HISTORY AND ORGANIZATION: Established February 25, 1903. *Geographic Divisions:* Twenty sections.

PURPOSE: To cultivate the experimental method of investigation in the sciences of biology and medicine.

MEMBERSHIP: Open to anyone who has accomplished meritorious original investigation in the sciences of biology and medicine. Total membership 3,550.

MEETINGS: Each section holds meetings during the academic year.

PUBLICATIONS: *Proceedings of the Society for Experimental Biology and Medicine*, 11 issues per year, current volume: 136, \$25. Editor: Louis J. Cizek.

439 SOCIETY FOR EXPERIMENTAL STRESS ANALYSIS. 21 Bridge Square, Westport, Conn. 06880. (203) 227-0829. President: J. W. Dally. Term expires May 1971. President-Elect: A. E. Johnson. Managing Director: B. E. Rossi.

HISTORY AND ORGANIZATION: Founded 1943. Incorporated January 1961 in Delaware. *Geographic Divisions:* Thirty-three sections.

PURPOSE: To (1) promote and encourage the furtherance of knowledge pertaining to experimental mechanics, and particularly to experimental stress analysis; (2) hold conferences, meetings and symposia for the interchange of ideas and the exhibition of equipment; (3) cause to be presented at such conferences, meetings or symposia, papers or articles by members or by invited guests; (4) publish and distribute such papers, journals and other matter as may from time to time be desirable; (5) engage in, promote or otherwise encourage educational activities; (6) do such other acts as may further the aims of the Society on a national and international basis.

MEMBERSHIP: Individual (2,485), interested in the field; Corporate (69), interest in the field.

MEETINGS: Semiannual (Spring and Fall).

PUBLICATIONS: *Experimental Mechanics*, monthly, current volume: 11, free to members, \$20 (nonmembers). Editor: B. E. Rossi. *SESA Proceedings*, semiannual, current volume: 28, \$25. Editor: B. E. Rossi.

440 SOCIETY FOR GENERAL SYSTEMS RESEARCH. *Address communications to:* Richard F. Ericson, Managing Director, 12613 Bunting Lane, Bowie, Md. 20715. (301) 262-9029. President: Stafford Beer. Term expires May 1972.

President-Elect: Margaret Mead. Managing Director and Secretary-Treasurer: Richard F. Ericson. Term expires May 1974.

HISTORY AND ORGANIZATION: Originated in 1954 as the Society for the Advancement of General Systems Theory. Incorporated 1955 in Michigan. Name changed to present form in 1957. *Geographic Divisions:* Six. *Scientific and Technical Committees:* General Systems Education; Organization and Management Studies; Social Systems; Health Systems; Research; Publications. *Relationship with Other Societies:* Constituent member of the American Association for the Advancement of Science; non-governmental organization affiliate of UNESCO (Paris).

PURPOSE: To (1) investigate the isomorphism of concepts, laws and models in various fields and help in useful transfers from one field to another; (2) encourage the development of adequate theoretical models in the fields which lack them; (3) minimize the duplication of theoretical effort in different fields; (4) promote the unity of science through improving communication among specialists.

MEMBERSHIP: Individual (1,100), Institutional (6), membership in some society affiliated with the American Association for the Advancement of Science or by recommendation.

MEETINGS: Semiannual (Spring or Fall and Winter).

PUBLICATIONS: *General Systems Yearbook*, annual, current volume: 15, \$15. Editors: A. Rapoport, L. von Bertalanffy. *Bulletin of the Society for General Systems Research*, triannual, current volume: 2, free to members. Editor: L. Schkade. *General Systems Journal*, quarterly, publication planned for 1972.

441 SOCIETY FOR HISTORICAL ARCHAEOLOGY. *Address communications to:* Vincent P. Foley, Secretary-Treasurer, Moravian College, Bethlehem, Pa. 18018. (215) 868-6311. President: Charles H. Fairbanks. Term expires January 1972. President-Elect: Vincent P. Foley. Secretary-Treasurer: Vincent P. Foley. Term expires January 1973.

HISTORY: Founding meeting in Dallas, Texas in 1967. Organized and incorporated at Bethlehem, Pennsylvania April 1, 1968.

PURPOSE: To (1) promote scholarly research in and the dissemination of knowledge concerning historical archaeology; (2) hold periodic conferences to discuss problems of mutual interest relating to the study of historical archaeology; (3) obtain the cooperation of the concerned disciplines for projects of research.

MEMBERSHIP: Individual (500); Institutions (250). Open to all persons or institutions in any way concerned with historical archaeological research.

MEETINGS: Annual (January).

PUBLICATIONS: *Historical Archaeology*, annual, current volume: 4, \$7.50 (individuals), \$15 (institutions). Editor: David A. Armour. *Newsletter*, quarterly, current volume: 3. Editor: Karlis Karklins.

442 SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS. 33 South 17th Street, Philadelphia, Pa. 19103. (215) LO4-2929. President: B. H. Colvin. Chairman of the Board of Trustees: D. L. Thomsen, Jr. Secretary: R. E. Beckett. Treasurer: R. G. Lamb. Operations Manager: Robert K. Windsor. **HISTORY AND ORGANIZATION:** Formed in Philadelphia, Pennsylvania in 1952. Incorporated in Delaware in 1952. *Relationship with Other Societies:* Affiliated with the American Federation of Information Processing Societies, Inc., American Automatic Control Council and the American

Association for the Advancement of Science; member of the Conference Board of the Mathematical Sciences and the National Research Council Division of Mathematics.

PURPOSE: To (1) further the applications of mathematics to problems in industry and science; (2) foster the exchange of ideas among all who are interested in the applications of mathematics.

MEMBERSHIP: Corporate (17), profit-making organizations and non-profit organizations which are not academic; Academic (99), university or college; Individual (3,600), approval by Membership Committee; Student (100), full-time student.

MEMBERSHIP SERVICES: Employment reference service.

MEETINGS: Semiannual (June and October).

PROFESSIONAL ACTIVITIES: *Research:* National Information Systems in the Mathematical Sciences, a study seeking systematic ways of improving timely access to the full body of mathematical information on the part of all its users. *Educational:* Visiting Lecturers Program. *Prizes and Awards:* John von Neumann Lecture; A. S. Householder Prize; Theodore Von Karman Prize; George Polya Prize; Norbert Wiener Prize in Applied Mathematics; George Daniel Birkhoff Prize in Applied Mathematics.

PUBLICATIONS: *SIAM Journal on Applied Mathematics*, 8 issues per year, current volume: 20, \$36. Editor: F. J. Beutler. *SIAM Journal on Numerical Analysis*, quarterly, current volume: 8, \$27. Editor: W. C. Rheinboldt. *SIAM Journal on Control*, quarterly, current volume: 9, \$27. Editor: L. W. Neustadt. *SIAM Journal on Mathematical Analysis*, quarterly, current volume: 2, \$27. Editor: F. W. J. Olver. *SIAM Review*, quarterly, current volume: 13, \$16. Editor: W. E. Boyce. *Theory of Probability and Its Applications*, quarterly, current volume: 15, \$52. Editor: N. A. Brunswick. *SIAM Newsletter*, bimonthly, current volume: 4, \$4. Editor: A. H. Zemanian.

443 SOCIETY FOR INDUSTRIAL MICROBIOLOGY. American Institute of Biological Sciences, 3900 Wisconsin Avenue, N.W., Washington, D.C. 20016. (202) 244-5581. President: John H. Litchfield. Term expires August 1971. President-Elect: Donald C. Wahner. Secretary: W. W. Leathen. Term expires August 1971. Treasurer: Fred W. Thomas, Jr. Term expires August 1973.

HISTORY AND ORGANIZATION: Founded 1949 and incorporated 1960. *Geographic Divisions:* Two. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences and the American Association for the Advancement of Science.

PURPOSE: To advance the microbiological sciences as applied to industrial materials, processes, products and their associated problems.

MEMBERSHIP: Regular (600), industrial microbiology interest; Corporate (40), corporate interest; Emeritus (20), retired Regular member; Student (60), college student.

MEETINGS: Annual.

PROFESSIONAL ACTIVITIES: *Educational:* Summer institutes on current topics of industrial interest. *Prizes and Awards:* Charles Thom Award, usually annual, outstanding service to the field of industrial microbiology; John Porter Award of Merit, outstanding service to the Society.

PUBLICATIONS: *Developments in Industrial Microbiology*, annual, current volume: 11, \$13.50. Editor: E. Donald Murray.

444 THE SOCIETY FOR INVESTIGATIVE DERMATOLOGY, INC. *Address communications to:* John S. Strauss, Secretary-Treasurer, Boston University Medical Center, 80 East Concord

Street, Boston, Mass. 02118. (617) 262-4200. President: Richard K. Winkelman. Term expires June 1971. Secretary-Treasurer: John S. Straus. Term expires Spring 1974.

HISTORY: Founded and incorporated in New York State on April 24, 1937.

PURPOSE: To conduct, promote, encourage, and assist investigation and research in medicine and surgery, and more particularly in dermatology and syphilology and allied subjects.

MEMBERSHIP: Active, any dermatologist in good standing or any nondermatologist in good standing with Doctorate related to investigative dermatology; Inactive, Active member who for reasons of health, retirement or finances wishes Inactive status; Sustaining, individual, group or corporation with interest in investigative dermatology; Honorary, any distinguished physician or research worker, by election; Resident/Fellow, any individual in good standing who is engaged full time in a training program in dermatology or in a basic science relating to medicine.

MEETINGS: Annual (Spring); annual scientific meeting (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Special forum for residents and fellows held at the annual meeting; grants to those interested in dermatology for training in special techniques; *Prizes and Awards:* Stephen Rothman Award, distinguished service to investigative cutaneous medicine, based on major achievements in the scientific field, contributions in teaching and/or recruitment of outstanding people to dermatology.

PUBLICATIONS: *Journal of Investigative Dermatology*, monthly, current volume: 56, \$30. Editor: Richard B. Stoughton.

445 SOCIETY FOR NEUROSCIENCE. *Address communications to:* Marjorie G. Wilson, Executive Secretary, 1700 Pennsylvania Avenue, N.W., Washington, D.C. 20006. (202) 833-9609. President: Vernon B. Mountcastle. Term expires April 1972. President-Elect: Neal E. Miller. Secretary-Treasurer: Martin G. Larrabee. Term expires April 1972. Executive Secretary: Marjorie G. Wilson.

HISTORY AND ORGANIZATION: Initiated by a study group which was brought together by the National Academy of Sciences-National Research Council Committee on the Brain Sciences in December 1968. Incorporated 1969 in Washington, D.C. *Geographic Divisions:* Eleven. *Scientific and Technical Committees:* Affiliations; Education.

PURPOSE: To (1) advance the understanding of nervous systems, including the part they play in determining behavior, by bringing together scientists of varying backgrounds and by facilitating the integration of research directed at all levels of biological organization; (2) promote education in the neurosciences; (3) inform the general public on the results and implications of current research in this area.

MEMBERSHIP: Regular (1,184), any scientific worker residing in the U.S. or adjacent countries who has done meritorious research relating to the nervous system; Affiliate (10), person or organization interested in the Society's objectives but not actively engaged in research; Student (62), student at degree-granting institution who has expressed an interest in the nervous system.

MEETINGS: Annual (Fall).

PUBLICATIONS: *Neuroscience Newsletter*, quarterly, current volume: 1. Editor: Louise H. Marshall.

SOCIETY FOR NONDESTRUCTIVE TESTING, INC. See THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING, INC.

446 SOCIETY FOR PERSONALITY ASSESSMENT, INC. 1070 East Angeleno Avenue, Burbank, Calif. 91501. (213) 848-6060. President: Norman L. Farberow. Term expires September 1971. President-Elect: Arthur C. Carr. Secretary: Bernice T. Eidson. Term expires September 1972. Treasurer: Earl S. Taulbee. Term expires September 1971. Administrator: Marilyn Weir.

HISTORY AND ORGANIZATION: Founded and incorporated 1939 in Newark, New Jersey as the Rorschach Research Exchange. Later this name was changed to the Society for Projective Techniques, later to the Society for Projective Techniques and Personality Assessment, and in 1971, to the Society for Personality Assessment. *Scientific and Technical Committees:* Editorial; Program. *Relationship with Other Societies:* Meets concurrently with the American Psychological Association.

PURPOSE: To further the development of projective and related methods of personality assessment through publications, research projects, providing and assisting adequate training facilities and promoting research development and application of projective and related methods of personality diagnosis.

MEMBERSHIP: Fellow, psychologist or other outstanding individual with particular competence in the area of personality assessment; Member (800), Doctorate in psychology, one year study of projective methods, 2,000 hours of supervised clinical work; Affiliate, other than psychologist; Associate, graduate student; Honorary, person of outstanding distinction promoting objectives of the Society; Life, member for 25 years and 65 years or older.

MEETINGS: Annual (early September).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Great Man Award, annual, major contribution to the field of personality assessment.

PUBLICATIONS: *Journal of Personality Assessment*, quarterly, current volume: 35, \$12.50. Editor: Walter G. Klopfer.

SOCIETY FOR PLANT MORPHOLOGY AND PHYSIOLOGY. See BOTANICAL SOCIETY OF AMERICA, INC.

SOCIETY FOR PROJECTIVE TECHNIQUES. See SOCIETY FOR PERSONALITY ASSESSMENT, INC.

SOCIETY FOR PROJECTIVE TECHNIQUES AND PERSONALITY ASSESSMENT. See SOCIETY FOR PERSONALITY ASSESSMENT, INC.

447 SOCIETY FOR RANGE MANAGEMENT. 2120 South Birch Street, Denver, Colo. 80222. (303) 756-3205. President: Lorenz F. Bredemeier. Term expires February 1972. President-Elect: Floyd E. Kinsinger. Executive Secretary: Francis T. Colbert.

HISTORY AND ORGANIZATION: Founded in Salt Lake City, Utah in January 1948 as the American Society of Range Management. Incorporated under the laws of Wyoming in 1949. Name changed to Society for Range Management on January 20, 1971. *Geographic Divisions:* Nineteen sections. *Scientific and Technical Committees:* Rangeland Biometeorology; Rangeland Ecotypes; Rangeland Entomology; Rangeland Fire Influences; Rangeland Hydrology; Rangeland Livestock; Rangeland Wildlife; Rangeland Recreation; Rangeland Reference Areas; Rangeland Roadsides; Rangeland Shrubs; Rangeland Soils and Land-Use Capability; Native Haylands; Native Pastures of Farms and Forest Climates; Timberland Grazing; Taming Pastures. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of

Science; member of the National Research Council.

PURPOSE: To (1) develop understanding of rangeland ecosystems and of the principles applicable to the management of range resources; (2) assist all who work with range resources to keep abreast of new findings and techniques in both the science and art of range management; (3) improve the effectiveness of range management to obtain from range resources the products and values necessary for man's welfare; (4) create a public appreciation of the economic and social benefits to be obtained from the range environment; (5) promote the professional development of its membership.

MEMBERSHIP: Regular (3,610), engaged in or interested in study, management or use of rangelands; Sustaining (46); Student (480), undergraduate or graduate student.

MEMBERSHIP SERVICES: Employment-Interview Service.

MEETINGS: Annual (February); Summer Field (June or July).

PROFESSIONAL ACTIVITIES: *Research:* Each of the technical committees is preparing for publication by the Society a summary review of the principles and problems relevant to the subject matter area. *Educational:* Scholarships of \$200 awarded annually by most geographic sections of the Society to outstanding upperclass undergraduates. *Prizes and Awards:* Outstanding Service and Achievement Award, annual, significant contributions to the science or practice of range management.

PUBLICATIONS: *Journal of Range Management*, bimonthly, current volume: 24, \$15. Editor: Elbert H. Reid. *Rangeman's News*, bimonthly, current volume: 3. Editor: Francis T. Colbert. *Abstracts of Papers*, annual.

448 SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT, INC. Address communications to: Margaret K. Harlow, Executive Officer, 22 North Charter Street, Madison, Wis. 53706. (608) 262-3844. President: Harold W. Stevenson. Term expires April 1971. President-Elect: Leon Yarrow. Secretary: Frances Degen Horowitz. Term expires April 1973. Executive Officer: Margaret K. Harlow. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1933 in Washington, D.C. as an outgrowth of the Committee in Child Development of the National Research Council. The Committee, formed in 1925, was the successor of a subcommittee on Child Development under the Division of Anthropology and Psychology of the National Research Council which began in 1922. Incorporated in Illinois in 1950, in Indiana in 1956 and in Wisconsin in 1970. *Relationship with Other Societies:* Member of the American Association for the Advancement of Science.

PURPOSE: To (1) stimulate and support research; (2) encourage cooperation among individuals engaged in the scientific study of child development; (3) encourage applications of research findings.

MEMBERSHIP: Member (1,550), engaged in research or teaching or other application of research in child development or related areas; Student (260), graduate student in area of child development or related areas.

MEETINGS: Biennial (Spring).

PUBLICATIONS: *Child Development*, quarterly, current volume: 42, \$20 (domestic), \$21 (Canada), \$22 (foreign). Editor: Wendell E. Jeffrey. *Child Development Abstracts and Bibliography*, six issues per year, current volume: 45, \$10 (domestic), \$11 (Canada), \$12 (foreign). Editor: Dale B. Harris. *Monographs of the Society for Research in Child Development*, irregular, current volume: 36, \$12 (domestic), \$13 (Canada), \$14 (foreign). Editor: Robert R. Sears. *Newsletter:*

Society for Research in Child Development, irregular, free to members. Editor: Barbara Kahn. *Directory: Society for Research in Child Development*, biennial, \$3 (nonmembers). Editor: Barbara Kahn. *Reviews of Child Development Research*, every three to five years, current volume: 3. Editors: Bettye M. Caldwell and Henry Ricciuti.

449 SOCIETY FOR TECHNICAL COMMUNICATION. 1010 Vermont Avenue, N.W., Washington, D.C. 20005. (202) 737-0035. President: Mary M. Schaefer. Term expires June 1971. President-Elect: Frank R. Smith. Secretary: Edmund L. Stoddard, Jr. Term expires June 1971. Treasurer: Robert F. Ellis. Term expires June 1971. Executive Director: Curtis T. Youngblood.

HISTORY AND ORGANIZATION: In 1953, two organizations interested in improving the practice of technical communications, the Society of Technical Writers and the Association of Technical Writers and Editors, were founded simultaneously on the East Coast. These organizations merged in 1957 to form the Society of Technical Writers and Editors (STWE). STWE grew rapidly and, in 1960, merged with a Pacific Coast group, the Technical Publishing Society, founded in 1954. This merger became the Society of Technical Writers and Publishers (STWP). Effective July 1, 1971 STWP will become the Society for Technical Communication. Incorporated 1958 in New York State. *Geographic Divisions:* Forty-nine chapters. *Scientific and Technical Committees:* Standards; Educational and Professional Development; Technical Art, Bibliography.

PURPOSE: To (1) advance the theory and practice of technical communication in all media; (2) educate, improve and advance its members.

MEMBERSHIP: Student (41), enrolled full-time at an accredited university, college, junior college or technical school, or interested in the purposes of the Society; Affiliate (190), engaged in some phase of technical communication or interested in the arts and sciences of technical communication or in allied arts and sciences; Member (2,610), engaged full-time in some phase of technical communication for at least one year; Senior (1,360), at least seven years' experience in technical communication and Member for two consecutive years; Associate Fellow, bestowed on Senior member with distinction in field of technical communication, active in field for 15 years, member of Society for five years, responsible for important work in the field, has done notable original work in the field, or made a significant contribution to the Society; Fellow, conferred for eminence in field of technical communication to an Associate Fellow; Honorary, conferred on nonmember who has achieved eminence in field of technical communication or performed significant service for Society; Sustaining, companies, corporations, institutions and other organizations interested in the Society's aims and willing to encourage and support its work.

MEETINGS: International Technical Communication Conference, annual (May or June); chapter meetings, monthly (September through May).

PROFESSIONAL ACTIVITIES: *Research:* Standardization of technical terms; bibliography of technical writing, editing, graphics and publishing; membership professional profile survey. *Educational:* Aid and assistance to colleges and universities in establishing curricula in the field of technical communication leading to undergraduate and graduate degrees; individual scholarship awards, \$250 - \$500, to deserving students studying technical communication; sponsorship of seminars at chapters, universities and colleges. *Prizes and*

Awards: Various writing and art contests within the membership of the chapters and in local high schools for high school students; chapter newsletter competition; awards for articles published in the Journal and for technical art.

PUBLICATIONS: *Technical Communication*, bimonthly, current volume: 18, \$12. Editor: A. Stanley Higgins. *Intercom*, quarterly. Editor: Marx Isaacs. *Proceedings of the Annual International Technical Communications Conference*, current volume: 18, \$20. Editor: Frederick T. Van Veen.

SOCIETY FOR THE ADVANCEMENT OF GENERAL SYSTEMS THEORY. See SOCIETY FOR GENERAL SYSTEMS RESEARCH.

450 THE SOCIETY FOR THE HISTORY OF TECHNOLOGY.

Address communications to: Melvin Kranzberg, Secretary, Case Western Reserve University, Cleveland, Ohio. 44106. (216) 368-4114. President: Bern Dibner. Term expires December 1972. Secretary: Melvin Kranzberg. Treasurer: Joseph Gray Jackson. Term expires December 1971.

HISTORY AND ORGANIZATION: Formed in Cleveland, Ohio, in 1958. Incorporated in Ohio in 1959. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science and the Engineers Joint Council.

PURPOSE: To encourage the study of the development of technology and its relations with society and culture.

MEMBERSHIP: Regular and Sponsor, individuals interested in the subject; Student, individuals under 28 years old and actively engaged in undergraduate or graduate studies; Affiliate and Associate, institutions, universities, libraries, museums, nonprofit or public foundations.

MEETINGS: Annual (December).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Abbott Payson Usher Prize, \$100, annual, best article or book published by the Society during the preceding three years; Dexter Prize, \$1,000, annual, outstanding work in the history of technology published during any of the three years preceding; Leonardo da Vinci Medal, annual, outstanding contribution to the history of technology by research, teaching, publication or otherwise.

PUBLICATIONS: *Technology and Culture*, quarterly, current volume: 12, \$12. Editor: Melvin Kranzberg. *Monograph Series in the History of Technology*, annual. Editor: Melvin Kranzberg.

SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION. See AMERICAN SOCIETY FOR ENGINEERING EDUCATION.

451 SOCIETY FOR THE PSYCHOLOGICAL STUDY OF SOCIAL ISSUES. P.O. Box 1248, Ann Arbor, Mich. 48106. (313) 662-9130. President: Robert L. Kahn. Term expires September 1971. President-Elect: Marcia Guttentag. Secretary-Treasurer: John P. Kirsch. Term expires September 1973. Executive Secretary: Caroline Weichlein.

HISTORY AND ORGANIZATION: Founded 1936. Incorporated 1956 in Michigan. *Scientific and Technical Committees:* Academic Freedom; Police-Community Relations; Teaching of Social Issues; Invasion of Privacy; Sex Discrimination in Psychology; Social Responsibility; Drugs; Public Organizations; Socialization and the Law; Problems of the American Indians; Population; Poverty; Racism; Foundations. *Relationship with Other Societies:* Division of the American Psychological Association.

PURPOSE: To (1) obtain and disseminate to the public factual data regarding social change and other social processes through the promotion and encouragement of psychological research on significant theoretical and practical questions of social life; (2) promote and encourage the application of the findings of such psychological research to the problems of society.

MEMBERSHIP: Member (3,000), enrollment in graduate school in social psychology or related fields, or equivalent and employed in professional field.

MEETINGS: Annual (September).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Kurt Lewin Memorial Award, annual, furthering the development and integration of psychological research and social action; Gordon Allport Essay Contest, annual, best paper or article of the year on intergroup relations.

PUBLICATIONS: *Journal of Social Issues*, quarterly, current volume: 27, \$9 (individuals), \$15 (institutions and organizations). Editor: Bertram H. Raven. *SPSSI Newsletter*, triannual, current volume: 127, free to members. Editors: Caroline Weichlein, John P. Kirsch.

452 SOCIETY FOR THE SCIENTIFIC STUDY OF RELIGION, INC.

Address communications to: William V. D'Antonio, Executive Secretary, University of Connecticut, Storrs, Conn. 06268. President: Joseph H. Fichter. Term expires December 1971. Secretary: Philip E. Hammond. Term expires December 1973. Treasurer: Edgar W. Mills. Term expires December 1973. Executive Secretary: William V. D'Antonio.

HISTORY AND ORGANIZATION: Founded at Harvard in 1949 and incorporated same year in Connecticut. *Relationship with Other Societies:* Associate member of the Council on the Study of Religion; affiliate of the American Association for the Advancement of Science.

PURPOSE: To stimulate and communicate significant scientific research on religious institutions and religious experience.

MEMBERSHIP: Regular (1,400); Student (275); Emeritus (5); Subscribers (Libraries) (1,000). Open to students and mature scholars interested in the application of scientific method to the study of religion. Membership represents a wide range of academic disciplines including religion, philosophy, sociology, psychology and anthropology.

MEETINGS: Annual (October).

PUBLICATIONS: *Journal for the Scientific Study of Religion*, quarterly, current volume: 10, \$15. Editor: James E. Dittes.

453 THE SOCIETY FOR THE STUDY OF EVOLUTION.

Address communications to: David L. Jameson, Secretary, Department of Biology, University of Houston, Houston, Tex. 77004. (713) 748-6600. President: Hampton L. Carson. Term expires December 1971. President-Elect: Warren H. Wagner, Jr. Secretary: David L. Jameson. Term expires December 1973. Treasurer: Robert E. Beer. Term expires December 1972.

HISTORY: Founded in St. Louis March 30, 1946 as an outgrowth of the National Research Council Committee on Common Problems of Genetics, Paleontology and Systematics which had been established in 1943.

PURPOSE: To promote the study of organic evolution and the integration of various fields of science concerned with evolution.

MEMBERSHIP: Member; Sustaining; Life; Patron. Open to anyone interested in the study of evolution upon recommendation by member.

MEETINGS: Annual.

PUBLICATIONS: *Evolution*, quarterly, current volume: 25, \$9.
Editor: Robert F. Inger.

454 SOCIETY FOR THE STUDY OF REPRODUCTION.

Address communications to: G. W. Duncan, Treasurer, Fertility Research, The Upjohn Company, Kalamazoo, Mich. 49001.
President: J. H. Leatham. Secretary: Harold D. Hafs.
Treasurer: G. W. Duncan.

HISTORY AND ORGANIZATION: Evolved from the Biennial Symposium on Animal Reproduction at Iowa State University in 1949. Society formed in 1967 at the University of Illinois. Incorporated 1967 in Michigan. *Relationship with Other Societies:* Adherent society of the American Institute of Biological Sciences.

PURPOSE: To promote the study of reproduction by fostering interdisciplinary communication within the science, by holding conferences, and by publication of meritorious studies or by any other means as may be deemed appropriate.

MEMBERSHIP: Regular (914), Ph.D., at least three publications as senior author, must be sponsored; Associate (91), students, clinicians, must be sponsored; Foreign (98), same as Regular, but residing outside U.S., Canada or Mexico.

MEETINGS: Annual (June).

PUBLICATIONS: *Biology of Reproduction*, 6 issues per year, current volume: 4, \$16 (members). Editor: J. D. Biggers.

455 THE SOCIETY FOR VASCULAR SURGERY.

Address communications to: Russell M. Nelson, Secretary, 325 8th Avenue, Salt Lake City, Utah. 84103. (801) 322-5761. President: F. Henry Ellis, Jr. Secretary: Russell M. Nelson. Treasurer: Jesse E. Thompson.

HISTORY: Organized December 5, 1945 by a group of general surgeons interested in vascular surgery during the meeting of the Southern Surgical Association at Hot Springs, Virginia. The first annual meeting was held on June 8, 1947 at Atlantic City.

PURPOSE: To (1) promote the study of and research in vascular diseases; (2) define more clearly the role of surgery in these diseases; (3) pool the experience and knowledge of the membership, in order to standardize methods of studying and managing these diseases; (4) standardize the nomenclature of these diseases; (5) promote and encourage adequate teaching of these diseases to students, interns and residents; (6) encourage hospitals to develop special training for young surgeons interested in this field; (7) hold annual meetings.

MEMBERSHIP: Member (323), certified by certifying board for surgical specialties; Honorary (5), individuals who have made outstanding contributions in the field of vascular science; Senior (104), active members who have reached age of 60 years or have been active for 15 years.

MEETINGS: Annual (June).

PUBLICATIONS: *Surgery*, annual, current volume: 68. Editor: Alton Ochsner.

456 SOCIETY OF AEROSPACE MATERIAL AND PROCESS ENGINEERS.

P.O. Box 613, Azusa, Calif. 91702. (213) 334-1810. President: Mort Kushner. Term expires June 1971. Secretary: Dona Link. Term expires June 1971. Treasurer: Sandy Ashlock. Term expires June 1971. Executive Officer: A. F. Feldbush.

HISTORY AND ORGANIZATION: Originated March 17, 1944 in Hawthorne, California as the Society of Aircraft Material and Process Engineers. Became national and incorporated as the Society of Aerospace Material and Process Engineers

September 1960 in California. *Geographic Divisions:* Twenty-five.

PURPOSE: To (1) advance material-and-process technology for the aerospace industry; (2) assist in communicating technical information concerning material-and-process technology; (3) help qualified students to enter the field and assist those in educational institutions in establishing study programs to realize their objectives; (4) demonstrate to management that the material-and-process engineer is an important link in accomplishing its objectives; (5) promote recognition of material-and-process engineers as scientists concerned with new approaches to technical objectives; (6) advance technology by enhancing the abilities and progress of the material-and-process engineer through meetings and publications; (7) convince members of their responsibilities.

MEMBERSHIP: Professional, engineer, scientist, or other with professional responsibility in the subject field of materials or processes with not less than two years of professional participation in research, development, application or sales of materials and/or process technology. Student, enrolled in a course of study directed toward the attainment of a Bachelor's degree; Associate, engaged in professional efforts which are directed toward the growth of materials and/or process technology.

MEMBERSHIP SERVICES: Employment service; education.

MEETINGS: Annual National Symposium and Exhibition (Spring); Annual National Technical Conference (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Metric system.

PUBLICATIONS: *SAMPE Journal*, bimonthly, current volume: 7, free to members, \$15 (nonmembers). Editor: M. W. Heimerdinger. *SAMPE Quarterly*, quarterly, current volume: 2, \$7 (members), \$20 (nonmembers). Editor: William Long.

SOCIETY OF AIRCRAFT MATERIAL AND PROCESS ENGINEERS. See SOCIETY OF AEROSPACE MATERIAL AND PROCESS ENGINEERS.

SOCIETY OF AMERICAN BACTERIOLOGISTS. See AMERICAN SOCIETY FOR MICROBIOLOGY.

457 SOCIETY OF AMERICAN FORESTERS.

1010 16th Street, N.W., Washington, D.C. 20036. (202) 296-7820. President: Kenneth P. Davis. Term expires December 1971. President-Elect: Ben C. Meadows. Treasurer: H. R. Glascock, Jr. Term indefinite.

HISTORY AND ORGANIZATION: Founded 190. Incorporated 1928 in the District of Columbia. *Geographic Divisions:* Twenty-four sections; 140 chapters. *Specialty Divisions:* Economics and Policy; Education; Entomology and Pathology; Forest Engineering; Forest Fire; Forest Management; Forest Products; Forest Recreation; Forest-Wildlife Management; Information and Communications; Mensuration; Range Management; Silviculture; Watershed Management. *Scientific and Technical Committees:* Accreditation; Educational Policies; Ethics; Forest Land Use; Forest Policy Information and Communications; Natural Areas; Professional Employment Services; Registration and Licensing; Training of Forest Technicians; World Forestry.

PURPOSE: To (1) advance the science, technology, education and practice of professional forestry in America; (2) use the knowledge and skills of the profession to benefit society.

MEMBERSHIP: Member (14,284), graduate from Society accredited school or two years as an Affiliate; Fellow (124), outstanding service, election; Affiliate (1,282), graduate from

Society affiliated school; Associate (277), professional in related field; Corresponding (94), forester outside U.S. and Canada; Honorary (32), forester from outside U.S. and Canada or nonforester who has contributed significantly to the science of forestry either in U.S. or abroad.

MEMBERSHIP SERVICES: Professional programs (ethics, accreditation, information on registration and licensing); employment referral service; leadership in forest policy matters; environmental programs, public affairs programs; working with outside groups such as Trees for People and National Watershed Congress.

MEETINGS: Annual (September or October).

PROFESSIONAL ACTIVITIES: *Educational:* Visiting scientist program. *Prizes and Awards:* Barrington Moore Memorial Award, annual, outstanding achievement in biological research leading to advancement of forestry; Sir William Schlich Memorial Award, annual, outstanding contributions to forestry with emphasis on, but not limited to, policy, national or international activity; Gifford Pinchot Memorial Award, annual, major contributions to administration, practice and professional development in forestry.

PUBLICATIONS: *Journal of Forestry*, monthly, current volume: 69, \$18. Editor: H. R. Glascock, Jr. *Forest Science*, quarterly, current volume: 17, \$10. Editor: Earl L. Stone.

458 THE SOCIETY OF AMERICAN MILITARY ENGINEERS.

800 17th Street, N.W., Washington, D.C. 20006. (202) 298-5990. President: Guy H. Goddard. Term expires May 1971. Executive Secretary: W. C. Hall. Term indefinite. Treasurer: Charles G. Holle. Term indefinite.

HISTORY AND ORGANIZATION: Founded January 1, 1920. Incorporated December 5, 1924 in the District of Columbia. *Geographic Divisions:* One hundred and seventy-two. *Relationship with Other Societies:* Constituent member of the Engineers Joint Council.

PURPOSE: To (1) advance knowledge of the science of military engineering; (2) promote efficiency in the military engineering service of the United States and maintain its best standards and traditions; (3) preserve the memory of services rendered by the engineering profession throughout the wars in which the United States has been engaged; (4) develop between military engineers and other arms of the military service a spirit of cooperation and mutual understanding; (5) develop relations of helpful interest between the engineering profession in civil life and that in the military service.

MEMBERSHIP: Military Engineer, (a) commissioned officers in the engineer services of the U.S. military forces or honorably separated from such engineer service, (b) all other persons in the military service or honorably discharged or retired who qualify as Engineer members with six months' civilian engineering service in the U.S. military forces; Military, (a) persons serving in the U.S. military forces or honorably separated, (b) persons with two years in ROTC; Engineering, engineering graduate, or eight years active engineering practice, or license to practice professional engineering, or voting membership in professional engineering society; Affiliate, two years at recognized engineering school, or two years as engineering technician, or demonstrated interest in military engineering affairs and in preparedness for national defense; Student, engineering students or members of federal military training units at colleges or universities; Sustaining, organizations interested in advancing the knowledge of military engineering, in increasing the engineer potential of the U.S. for national security and in furthering the objectives of the Society; Foreign, foreign

nationals who otherwise qualify for membership. Total membership: 24,084.

MEMBERSHIP SERVICES: Advice on military and engineering matters and employment; information and discounts on books.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* ROTC Award of Merit, annual, to outstanding students in ROTC; Gold Medal, annual, conspicuous and meritorious service to Society; Toulmin Medal, annual, best article published in *Military Engineer*; George W. Goethals Medal, annual, to civilian or military engineer for notable contributions to the field; Colbert Medal, annual, to member of the U.S. Coast and Geodetic Survey for outstanding contribution to military engineering; Moreell Medal, annual, to member of Civil Engineer Corps of the Navy for outstanding contribution to military engineering; Newman Medal, annual, to member of the Directorate of Civil Engineering of the Air Force National Guard for outstanding contribution to military engineering; Wheeler Medal, annual, to member of Army Corps of Engineers for outstanding contribution to military engineering; Oren Medal, annual, to member of U.S. Coast Guard for outstanding contribution to military engineering; Ralph A. Tudor Medal, annual, to civilian member of the Society for outstanding contribution to engineering; Bliss Medal, annual, to engineering professor or instructor of college or university with a ROTC unit for outstanding contribution to military engineering education; Karo Award, annual, to U.S. Coast and Geodetic Survey field unit for outstanding contribution in engineering and scientific field; Itchner Award, annual, to most outstanding Army Corps of Engineers unit; Pelletier Award, annual, to most outstanding Navy Civil Engineer Corps unit; Curtin Award, annual, to most outstanding unit of the Air Force Directorate of Civil Engineering; Cowart Award, annual, to Coast Guard engineering unit for outstanding contribution to civil or ocean engineering.

PUBLICATIONS: *Military Engineer*, bimonthly, current volume: 63, \$10 (U.S.), \$12 (foreign). Editor: W. C. Hall.

459 SOCIETY OF AMERICAN VALUE ENGINEERS. 2550

Hargrove Road, L-205, Smyrna, Ga. 30080. (404) 436-9508. President: Carlos Fallon. Term expires April 1972. Executive Director: Frank J. Johnson.

HISTORY AND ORGANIZATION: Founded 1959. Incorporated in Georgia. *Geographic Divisions:* Seven regions; forty-eight chapters; five international affiliated chapters.

PURPOSE: To promote advancement of value engineering and value analysis and its application to the research, design, development, test, evaluation, engineering, production, purchasing and distribution phases in government, private industry and commerce.

MEMBERSHIP: Member; Affiliate; Student; Fellow; Life; Corporate.

MEETINGS: Annual (April or May).

PUBLICATIONS: *SAVE Communications and Journal of Value Engineering*, monthly, \$25.

SOCIETY OF AUTOMOBILE ENGINEERS. See SOCIETY OF AUTOMOTIVE ENGINEERS, INC.

460 SOCIETY OF AUTOMOTIVE ENGINEERS, INC. Two

Pennsylvania Plaza, New York, N.Y. 10001. (212) 594-5700. President: Harold L. Brock. Term expires January 1972.

President-Elect: Eugene J. Manganiello. Secretary and General Manager: Joseph Gilbert. Treasurer: Milton J. Kittler. Term expires January 1973.

HISTORY AND ORGANIZATION: Originated in 1905 as the Society of Automobile Engineers. Name changed in 1916 to Society of Automotive Engineers. Incorporated 1916 in New York. *Geographic Divisions:* Fifty-two. *Scientific and Technical Committees:* Engineering Activity; Technical. *Relationship with Other Societies:* Full member of the Engineers' Council for Professional Development and the American National Standards Institute; cosponsoring member of the Coordinating Research Council.

PURPOSE: To promote the arts, sciences, standards and engineering practices connected with the design, construction and utilization of self-propelled mechanisms, prime movers, components thereof and related equipment.

MEMBERSHIP: Member (17,472), established engineers and scientists; Associate (4,908), basic qualifications for election to Member grade, but have not reached the responsibility level required; Affiliate (4,241), qualifications to cooperate technically with engineers in engineering work.

MEMBERSHIP SERVICES: Placement service.

MEETINGS: Automotive Engineering Congress and Exposition (January); Business Aircraft Meeting and Engineering Display (March); Air Transportation Meeting and International Simulation and Training Conference (May); International Mid-Year Meeting (June); International West Coast Meeting (August); Farm, Construction and Industrial Machinery Meeting, Manufacturing Forum and Engineering Display (September); Aeronautics and Space Engineering and Manufacturing Meeting (September); Fuels and Lubricants Meeting (October); Powerplant and Truck Meeting (October).

PROFESSIONAL ACTIVITIES: *Research:* Development of ethylene propylene or other type rubber polymers for automotive brake actuating systems; basic requirements for use in developing automotive visibility; field evaluation of brake fluid moisture pick-up in vehicles; development of aircraft flyover noise rating scale; feasibility study of a unified numbering system for metals and alloys by the Society and the American Society for Testing and Materials. *Educational:* Conducts approximately five continuing education courses each year. *Prizes and Awards:* The Annual awards for outstanding papers—Arch T. Colwell Merit Award; L. Ray Buckendale Lecture Committee; Wright Brothers Medal Board of Award; Horning Memorial Board of Award; Manly Memorial Board of Award. Ralph R. Teetor Educational Fund Committee Awards, annual, made to 25 outstanding young college professors enabling them to attend the annual meeting of the Society at no expense.

PUBLICATIONS: *SAE Journal of Automotive Engineering*, monthly, current volume: 79, \$5 (members), \$12 (nonmembers), \$14 (foreign). Editor: Otto W. Vatke. *SAE Handbook*, annual, current volume: 1971, \$7.50 (members), \$10 (nonmembers). Editor: Kathleen Napier. *SAE Transactions*, annual, current volume: 78. Editor: Kathleen Napier.

461 SOCIETY OF BIOLOGICAL PSYCHIATRY. *Address communications to:* Charles Shagass, Secretary-Treasurer, E.P.P.I.—3300 Henry Avenue, Philadelphia, Pa. 19129. (215) 848-6000. President: John I. Nurnberger. Term expires May 1971. Secretary-Treasurer: Charles Shagass. Term indefinite. **HISTORY:** Founded 1945 in San Francisco. Incorporated the Society of Medical Psychiatrists in 1968. Incorporated 1949 in California.

PURPOSE: To study the biological basis of behavior.

MEMBERSHIP: Member (382), Doctorate, scientific contributions to the study of the biological basis of behavior as indicated by publications; Senior (84), active member for ten consecutive years, 65 years of age; Honorary (2), professional and scientific qualifications of exceptionally high stature, election; Corresponding (15), member residing in an area that prevents attendance at the annual meetings.

MEETINGS: Annual (May or June).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Gold Medal Award, outstanding contributions to biological psychiatry; A. E. Bennett Award, outstanding research papers in (a) basic and (b) clinical research areas, \$750 each.

PUBLICATIONS: *Biological Psychiatry*, quarterly, current volume: 3, \$21. Editor: Joseph Wurtis.

462 SOCIETY OF COSMETIC CHEMISTS. 50 East 41st Street, New York, N.Y. 10017. (212) 532-7320. President: Morris J. Root. Term expires December 1971. President-Elect: Martin M. Rieger. Secretary: Agnes Korte. Term expires December 1971. Treasurer: Stanley Brechner. Term expires December 1971. Administrative Assistant: Rose Potraker.

HISTORY AND ORGANIZATION: Founded May 1945. Incorporated March 4, 1947 in Delaware. *Geographic Divisions:* Eight. *Relationship with Other Societies:* Member society of the International Federation of Society of Cosmetic Chemists.

PURPOSE: To (1) encourage the advancement of cosmetic science and technology in all of its branches; (2) set high standards of professional ethics; (3) diffuse scientific knowledge.

MEMBERSHIP: Active (1,750), degree in science or not less than two years in an accredited college or university with credits in science plus not less than five years engaged in cosmetics industry in a technical capacity in the industry and deemed eligible upon investigation; Junior, under age 26 with a minimum of two years undergraduate education in science at an accredited college or university; Honorary (7), anyone deemed worthy of such honor; Emeritus (20), member for 10 years, age 60 and retired from active remunerative work; National Affiliate, any interested person.

MEMBERSHIP SERVICES: Library (located in New York); employment services.

MEETINGS: Annual Scientific and Business Meeting (December); Annual Seminar (May).

PROFESSIONAL ACTIVITIES: *Educational:* Undergraduate and graduate financial assistance to accredited colleges and universities in amounts determined by the Society, presented annually to an institution with a firm program in some aspect of cosmetic science and with basic requirements of the Society Education and Scholarship Committee; grants for purchase of equipment; courses in cosmetic science at various colleges and universities; seminars and conferences. *Prizes and Awards:* Literature Award, annual, \$1,500, to authors of scientific papers making outstanding contribution to cosmetic science and technology; Medal Award, annual, to a scientist or individual who, over a period of years, has contributed significantly to the advancement of cosmetic science, cosmetic scientists and the cosmetic industry; Society of Cosmetic Chemists Award, annual, \$1,000, distinguished work in an area of scientific endeavor; Chapter Award, \$250, to the author(s) of a technical or scientific paper delivered at a chapter meeting in any calendar year; Merit Award, annual, outstanding service to the Society.

PUBLICATIONS: *Journal of the Society of Cosmetic Chemists*, 13 issues per year, current volume: 22, \$50 (nonmembers).

Editor: Karl Laden. *Quarterly*, quarterly, current volume: 2, free to members. Editor: Stanley E. Allured.

SOCIETY OF COTTON PRODUCTS ANALYSTS. See AMERICAN OIL CHEMISTS SOCIETY.

463 SOCIETY OF DATA EDUCATORS. 247 Edythe Street, Livermore, Calif. 94550, (415) 443-3007. President: Arthur H. Pike. Secretary: Anthony M. Barbella. Executive Director: Enoch Haga.

HISTORY AND ORGANIZATION: Founded 1960. Formerly known as the Society for Automation in Business Education. Incorporated 1969 in California. *Specialty Divisions:* Society of Automation in Business Education; Society of Automation in English and the Humanities; Society of Automation in the Fine Arts; Society of Automation in Professional Education; Society of Automation in Science and Mathematics; Society of Automation in the Social Sciences; Society of Educational Data Systems; Babbage Society (history of computing); Society of Independent and Private School Data Educators; Society of Educational Programmers and Systems Analysts.

PURPOSE: To (1) promote the growth and development of knowledge and understanding of automation, including computers, data processing and applied educational technology in general, among all educators and interested persons, including teachers, instructors, professors, administrators and other educational workers; (2) promote the teaching and use of automation, as defined above, in schools, colleges, universities and other educational institutions.

MEMBERSHIP: Member (1,000), interest in purposes of Society. In process of formation of categories of Member, Associate, Student and Fellow (Bachelor's degree required for Member, Master's degree for Fellow).

MEMBERSHIP SERVICES: Certified Data Educator examination program; students for data education and regular chapter programs; placement file service; free help wanted and positions offered advertising in the Journal.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Qualifications of teachers and instructors of data processing; bibliography of publications in data education (automation, computing and data processing as related to education); listings of audio-visual aids in data education; listings of theses and dissertations in data education. *Educational:* Scholarship and Fellowship program being established. *Prizes and Awards:* Data Educator of the Year Award, annual, honors an outstanding data educator.

PUBLICATIONS: *Journal of Data Education*, monthly (October to May), current volume: 11, \$12. Editor: Robert Kriegbaum. *Quarterly Review of Data Education*, quarterly, current volume: 1, \$12. Editor: Donald C. Holznapel.

SOCIETY OF DEVELOPMENT AND GROWTH. See SOCIETY FOR DEVELOPMENTAL BIOLOGY, INC.

464 THE SOCIETY OF DIE CASTING ENGINEERS, INC. 14530 West 8-mile Road, Detroit, Mich. 48237. (313) 543-8500. President: William F. Joseph. Term expires June 1971. Secretary: Robert A. Wright. Term expires June 1971. Treasurer: Robert J. Smith. Term expires June 1971. Executive Director: Robert E. Green.

HISTORY AND ORGANIZATION: Founded 1954 in Detroit, Michigan. Incorporated 1955 in Michigan. *Geographic Divisions:* Twenty-four.

PURPOSE: To advance the arts and sciences relating to die casting and utilization of die casting, and the application of the

science of die casting through research and education.

MEMBERSHIP: Active; Student; Sustaining; Company; Honorary; Distinguished; Fellow. Employment in and/or interest in die casting company or in any related company.

MEETINGS: Biennial (Fall).

PUBLICATIONS: *Die Casting Engineer*, bimonthly, current volume: 15, \$6.50 (domestic), \$8 (foreign). Editor: Robert E. Green.

465 SOCIETY OF ECONOMIC GEOLOGISTS, INC. *Address communications to:* Robert A. Laurence, Secretary, P.O. Box 1549, Knoxville, Tenn. 37901. (615) 524-4011. President: Roger H. McConnel. Term expires March 1972. President-Elect: Elburt F. Osborn. Secretary: Robert A. Laurence. Term indefinite. Treasurer: Robert M. Grogan. Term indefinite.

HISTORY AND ORGANIZATION: Founded in Chicago, Illinois, December 28-29, 1920. First annual meeting held at Amherst, Massachusetts December 28-30, 1921. Incorporated 1930 in New York State. *Relationship with Other Societies:* Associated with the Geological Society of America; member of the Economic Geology Publishing Co.

PURPOSE: To (1) advance the science of geology and its application to mining and other industries; (2) disseminate knowledge concerning such application; (3) advance the status of the profession of geology; (4) protect and maintain a high professional and ethical standard in the profession of geology.

MEMBERSHIP: Member (1,400), minimum of eight years professional experience, including not less than five years principally devoted to economic geology, of which three years must have been in positions of responsibility; Life; Senior, 70 years of age.

MEETINGS: Semiannual (February and November).

PROFESSIONAL ACTIVITIES: *Research:* The Society of Economic Geologists' Foundation is in charge of all research and educational activities. *Educational:* Visiting lectureships to colleges and universities. *Prizes and Awards:* Penrose Medal, biennial, unusually original work in the earth sciences; Waldemar Lindgren Citation Award, annual, student research in economic geology; Distinguished Lectureships, biennial, in applied geology and research.

PUBLICATIONS: *Economic Geology*, eight issues per year, current volume: 66, \$15. Editor: Brian J. Skinner.

466 SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS. Box 979, Tulsa, Okla. 74101. (918) 584-2555. President: Orville L. Bandy. Term expires April 1972. Secretary-Treasurer: James A. Peterson. Term expires April 1972. Business Manager: Ruth Tener.

HISTORY AND ORGANIZATION: Originated 1926 in Fort Worth, Texas. Became a reality in 1927 as an affiliated society of the American Association of Petroleum Geologists, later a Section, and in 1930 a Division. *Geographic Divisions:* Five sections. *Scientific and Technical Committees:* Research; Publications. *Relationship with Other Societies:* Division of the American Association of Petroleum Geologists; affiliated with the Paleontological Society in publishing the *Journal of Paleontology*; cooperates with the Geological Society of America in sponsoring a section meeting.

PURPOSE: To promote the science of stratigraphy through research in, or other contributions to, paleontology, sedimentary petrology and allied disciplines.

MEMBERSHIP: Honorary (25), person of distinguished achievement in a scientific discipline of significance to the Society; Member (2,967), person whose professional activities are in

keeping with the objectives of the Society and who has had three years' experience beyond a Bachelor's degree; Associate (282), person as above who has achieved competency generally associated with a Bachelor's degree or is enrolled in courses which will complete these requirements in a year.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research*: Sponsors research groups in the areas of coastal sedimentation, computer technology, fusulinids, geochemistry of sediments, lacustrine sedimentation, oceanic plankton, trace fossils, and turbidites and deep marine sedimentation. *Prizes and Awards*: Francis P. Shepard Award, annual, for excellence in marine geology; Honorary Membership, annual; Outstanding Paper in *Journal of Paleontology*, annual; Outstanding Paper in *Journal of Sedimentary Petrology*, annual; Outstanding Paper at Convention, annual.

PUBLICATIONS: *Journal of Paleontology*, bimonthly, current volume: 45, \$30. Editors: R. L. Ethington, R. E. Peck. *Journal of Sedimentary Petrology*, quarterly, current volume: 41, \$22. Editor: Donn S. Gorsline. *Special Publication Series*, irregular.

SOCIETY OF ENVIRONMENTAL ENGINEERS. See INSTITUTE OF ENVIRONMENTAL SCIENCES.

467 THE SOCIETY OF EXPERIMENTAL TEST PILOTS. P.O. Box 986, Lancaster, Calif. 93534. (805) 942-9574. President: Robert A. Hoover. Term expires October 1971. Secretary: George S. Burdick. Term expires October 1971. Treasurer: Kenneth K. Lewis. Term expires October 1971. Manager: Billy D. McMains.

HISTORY AND ORGANIZATION: Founded September 14, 1955. Incorporated April 12, 1956 in California. *Geographic Divisions*: Five. *Scientific and Technical Committees*: Program; Historical; Equipment and Escape; Operational Coordination; Publications; Aeronautical Development; Flight Test; Space Flight; Relations and Consulting. *Relationship with Other Societies*: The Society of Experimental Test Pilots is the parent organization of The Society of Experimental Test Pilots Scholarship Foundation.

PURPOSE: To (1) promote that part of the aeronautical endeavor that is the moral obligation of the test pilot to the passenger, the commercial, private and service pilot without affecting the industry's competitive structure; (2) educate members and the public on aeronautical problems; (3) promote air safety and cognizance of new flight equipment and escape systems; (4) promote technical advancement and sound aeronautical design and development; (5) broaden professional relationships among members; (6) assist in obtaining new pilot trainees; (7) provide scholarships.

MEMBERSHIP: Honorary Fellow (25), distinction in aerospace field, engaged as experimental test pilot at some time during career; Fellow (61), Associate Fellow for one year, distinction in experimental flight testing; Associate Fellow (98), association with experimental flight testing for ten years, experimental test pilot for five years, member of the Society for five years, grade of Member for two years; Member (658), experimental test pilot for one year, manned space vehicle pilot; Associate (418), experimental test pilot or copilot for six months, production flight test pilot for two years, pilots engaged in engineering and performance tests for one year, pilots engaged in astronaut training for one year who have completed Society accredited test pilot training course; Corporate (34), companies engaged in design, manufacture and testing of manned aerospace vehicles, components and ground

support equipment, and in study, design and manufacture of pilots'/astronauts' protective equipment.

MEETINGS: Annual symposium (September).

PROFESSIONAL ACTIVITIES: *Research*: Flight Test Manual of flight-test techniques dealing with air weapon systems, air transports, rotary-wing aircraft, and general-aviation aircraft. *Educational*: Four annual educational meetings in each of the five sections of the Society; scholarships administered by The Society of Experimental Test Pilots Scholarship Foundation to children of deceased or disabled Society members. *Prizes and Awards*: Iven C. Kincheloe Award, outstanding professional accomplishment in flight testing during past year; J. H. Doolittle trophy, distinguished technical management or engineering achievement in aerospace technology; Ray E. Terhoff Award, cash honorarium, most outstanding paper at the annual symposium; Technical Publications Award, best technical article appearing in *Cockpit*.

PUBLICATIONS: *Cockpit*, monthly, members only. *Technical Review*, semiannual, current volume: 10, \$10.

468 SOCIETY OF EXPLORATION GEOPHYSICISTS. P.O. Box 3098, Tulsa, Okla. 74101. (918) 743-1365. President: W. B. Robinson. Term expires November 1971. Secretary-Treasurer: Jack D. Wallner. Term expires November 1971. Executive Secretary: Howard R. Breck.

HISTORY AND ORGANIZATION: Founded in Houston, Texas in 1930. Incorporated 1937 in Colorado. *Geographic Divisions*: Twenty-two local sections. *Scientific and Technical Committees*: Continuing Education; Geophysical Activity; Mining Geophysics; Publications; Research; Safety; Standard Reference Magnetic Field; Translations; Radio Facilities.

PURPOSE: To (1) promote the science of geophysics, especially as it relates to exploration and research; (2) foster the common scientific interests of geophysicists; (3) maintain a high professional standing among its members.

MEMBERSHIP: Active (4,900), eight years experience in practicing or teaching geophysics or a related science, three of which were in a responsible position calling for exercise of independent judgment and the application of geophysical or geological principles (work for a degree may count for experience but not toward the responsible experience); Associate (2,030), active interest in geophysics; Student (400), in good standing at a recognized college or university; Corporate (71), corporation or organization actively engaged in geophysical exploration, geophysical research or a related field, or in furnishing service or products used in geophysical exploration or research and an active interest in support of the Society's objectives; Sustaining (34), individual or company with active interest in supporting Society's objectives; Honorary, distinguished contribution to geophysics or a related field.

MEMBERSHIP SERVICES: Employment referral service; distinguished lecture series.

MEETINGS: Annual International Meeting (Fall); Annual Midwest Regional Meeting (Spring).

PROFESSIONAL ACTIVITIES: *Educational*: Continuing Education Program; Foundation Scholarship Program, 40 to 50 scholarships ranging from \$500 to \$1,000 each year to students intending to pursue a career in the earth sciences. *Prizes and Awards*: Honorary Membership, distinguished contribution to geophysics and the Society; Kauffman Medal Award, the outstanding advancement in geophysics during each year; Medal Award, for a specific technical contribution; Best Paper, for the best technical paper published in *Geophysics* each year; Best Presentation, awards given for technical papers presented

during the general, mining, research and oceanographic sessions at each annual meeting; International Science Fair Awards, presented annually to the two outstanding projects in the earth sciences.

PUBLICATIONS: *Geophysics*, 6 issues per year, current volume: 36, \$15. Editor: Franklyn K. Levin. *SFG Yearbook*, annual, included in *Geophysics* subscription or \$3 separate. Editor: Franklyn K. Levin.

469 SOCIETY OF FIRE PROTECTION ENGINEERS. 60 Batterymarch Street, Boston, Mass. 02110. (617) 482-8755. President: Martin M. Brown. Term expires May 1972. President-Elect: James W. Nolan. Secretary: Richard E. Stevens. Term expires May 1972.

HISTORY AND ORGANIZATION: Founded October 31, 1950. *Geographic Divisions:* Twenty-one. *Scientific and Technical Committees:* Fire Research; Engineering Education; Engineering Registration. *Relationship with Other Societies:* Professional section of National Fire Protection Association.

PURPOSE: To (1) promote the art and science of fire protection engineering and its allied fields; (2) maintain a high professional standing among its members; (3) foster fire protection engineering education.

MEMBERSHIP: Member (855), engineering degree and eight years practice, three in responsible charge or 12 years practice, three in responsible charge; Associate (372), engineering degree and four years practice or eight years practice; Junior (268), engineering degree and practicing or studying fire protection engineering or four years practice or study under a qualified fire protection engineer; Affiliate, degree in engineering, science, architecture or specific technical field, or state registration as professional engineer or architect, or full membership in a recognized professional engineering society and practice in fire protection matters for one year.

MEMBERSHIP SERVICES: Employment service; engineering registration guidance.

MEETINGS: Annual (May).

PUBLICATIONS: *Society of Fire Protection Engineers Bulletin*, irregular, current volume: 71. Editor: Richard E. Stevens. *Yearbook*, biennial. Editor: Richard E. Stevens.

470 SOCIETY OF GENERAL PHYSIOLOGISTS. c/o Marine Biological Laboratory, Woods Hole, Mass. 02543. (617) 548-3705. President: Andrew G. Szent-Gyorgyi. Term expires September 1971. President-Elect: Richard J. Podolsky. Secretary: Melvyn Lieberman. Treasurer: Martin Mendelson.

HISTORY AND ORGANIZATION: Founded in 1946 at the Marine Biological Laboratory, Woods Hole, Massachusetts. Incorporated in Massachusetts November 1966. *Scientific and Technical Committees:* Publications; Awards. *Relationship with Other Societies:* Representative to the American Association for the Advancement of Science, International Union of Physiological Sciences, National Research Council, International Union of Pure and Applied Biophysics and the American Physiological Society.

PURPOSE: To (1) promote and disseminate knowledge in the field of general physiology and otherwise advance understanding and interest in the subject of general physiology; (2) engage in general scientific research in any field relating to general physiology.

MEMBERSHIP: Active (530), upon approval by majority of members of the council and three-fourths of votes cast at annual meeting; Honorary (50), upon notifying secretary of professional retirement.

MEETINGS: Annual (September).

PROFESSIONAL ACTIVITIES: *Research:* Annual Symposium at Woods Hole Marine Biological Laboratory on a topic of interest to the physiological community. The proceedings are published in a book by Prentice-Hall.

PUBLICATIONS: *Journal of General Physiology*, monthly, current volume: 57, \$35. Editor: Paul Crane. *Bulletin*, irregular. Editor: M. Lieberman. *Proceedings of Annual Symposium*, annual.

SOCIETY OF INDUSTRIAL PACKAGING AND MATERIALS HANDLING ENGINEERS. SEE SOCIETY OF PACKAGING AND HANDLING ENGINEERS.

471 SOCIETY OF MANUFACTURING ENGINEERS. 20501 Ford Road, Dearborn, Mich. 48128. (313) 271-1500. President: John E. Wilson. Term expires April 1971. President-Elect: Frank F. Ford. Secretary: M. Eugene Merchant. Term expires April 1971. Treasurer: William B. Johnson. Term expires April 1971. General Manager: R. William Taylor.

HISTORY AND ORGANIZATION: Originated in 1932 as the American Society of Tool Engineers, Incorporated in Michigan. The name was changed to the American Society of Tool and Manufacturing Engineers in 1960 and again changed to the Society of Manufacturing Engineers (SME) on January 1, 1970. *Geographic Divisions:* Two hundred and eleven senior chapters; seventy-eight student chapters. *Specialty Divisions:* Assembly; Casting, Molding and Metallurgical Processing; Engineering Materials; Finishing and Coating; Inspection and Quality Control; Manufacturing Management; Manufacturing/Numerical Control Systems; Material Forming; Material Removal. *Scientific and Technical Committees:* Research and Educational Grants; Engineering Conference; Program; Publications; Technical Division Committees.

PURPOSE: To (1) be an operating institution for the advancement of scientific knowledge in the field of tool and manufacturing engineering; (2) provide the means and methods of applying such knowledge in practice and in education; (3) promote and engage actively in research, writing, publishing and dissemination of knowledge within said field.

MEMBERSHIP: Honorary, acknowledged professional eminence; Life, any member whom Society deems worthy; Senior, degree in science or engineering from recognized school and/or professional registration plus five years' experience as tool or manufacturing engineer or executive, or tool, die or machine designer 30 years of age, or if no degree or registration, ten years' experience in the above areas and 30 years of age (technical or engineering training accepted for experience on year-for-year basis); Regular, 20 years of age, tool or manufacturing engineer or executive, or tool, die or machine designer with five years' experience (technical or engineering training accepted for experience on a year-for-year basis); Affiliate, person, firm or corporation engaged in manufacturing, or technical institute, engineering school, or a research or consulting organization; Associate, persons engaged in manufacturing and related industries in responsible capacities connected with tool and manufacturing engineering; Student, enrolled in technical institute, college, university or apprentice training system studying tool and manufacturing engineering.

MEETINGS: Annual (Spring); Semiannual (Fall).

PROFESSIONAL ACTIVITIES: *Research:* Provides grants to support research in the general field of manufacturing

engineering and provides grants to colleges, on a matching fund basis, for purchase of equipment required to increase or improve the teaching of manufacturing engineering. *Educational*: Conventions; seminars; clinics; tech tours; plant tours; workshops; on-campus conferences; chapter meetings; chapter officials conference; scholarships of from \$50 to \$500 given by many chapters to encourage study of manufacturing engineering. *Prizes and Awards*: Eli Whitney Memorial Award, annual, distinguished accomplishments within the broad concept of mass production manufacture; SME Progress Award, annual, accomplishments in manufacturing processes, methods or management; Joseph A. Siegel Memorial Award, annual, to SME members who have made contributions through leadership, voluntary support or other timely acts which benefit the Society; SME Education Award, annual, development of dynamic curricula fostering sound training methods, or inspiring students to enter the profession of tool and manufacturing engineering; SME Gold Medal, annual, outstanding service through published literature, technical writing or papers dealing with tool and manufacturing engineering subjects; SME Engineering Citation, annual, unusual skill in developing tool and manufacturing engineering principles, design or practices; SME Research Medal, annual, significant published research leading to a better understanding of materials, facilities, principles and operations, and their application to improve manufacturing processes; SME Interprofessional Cooperation Award, annual, scientific achievement contributing to or originating in the field of manufacturing engineering, which acknowledges the professional interdependence of men for the enhancement of progress in that field; SME Award of Merit, annual, to outstanding SME members who have substantially contributed to the activity, growth and prestige of their chapters or regions and have assisted materially in the work of SME National Committees.

PUBLICATIONS: *Manufacturing Engineering and Management*, monthly, current volume: 66, \$8.50. Editor: Daniel B. Dallas. *Technical Divisions Newsletter* (each division publishes a newsletter), semiannual, current volume: 7. Editor: Homer D. Harris, Jr. *SME Newsletter and Technical Digest*, quarterly, current volume: 2. Editor: Homer D. Harris, Jr. *SME Transactions* (to begin in 1972).

SOCIETY OF MEDICAL PSYCHIATRISTS. See SOCIETY OF BIOLOGICAL PSYCHIATRY.

472 SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS. 9 East 41st Street, New York, N.Y. 10017. (212) 867-5410. President: Wilton R. Holm. Term expires December 1972. Secretary: E. B. McGreal. Term expires December 1972. Treasurer: Joseph T. Dougherty. Term expires December 1972. Executive Secretary: Denis A. Courtney.

HISTORY AND ORGANIZATION: Founded in 1916 as the Society of Motion Picture Engineers. Name changed to present form in 1950. Incorporated in Washington, D.C. *Geographic Divisions*: Sixteen. *Scientific and Technical Committees*: Color; Film Dimensions; Film Projection Practice; Photo-Instrumentation; Laboratory Practice; 16mm and 8mm Motion Pictures; Sound; Television; Video Tape Recording; Standards. *Relationship with Other Societies*: Member of the American National Standards Institute and the International Standards Institute.

PURPOSE: To (1) foster, carry on and advance the engineering and technical aspects of the motion-picture, television and

allied arts and sciences; (2) gather, receive, prepare and disseminate scientific information concerning the motion-picture, television and allied arts and sciences; (3) provide for and encourage the delivery and holding of lectures, exhibitions, classes and conferences calculated to advance the theory and practice of engineering involved in the motion-picture, television and allied arts and sciences; (4) promote and further the interests of the general public in the engineering, technical and safety aspects connected with the use and enjoyment of the benefits provided by the motion-picture, television and allied arts and sciences.

MEMBERSHIP: Honorary (9), election; Life Fellow (45), Active or Fellow membership for 20 years prior to retirement; Fellow (336), election; Life (30), Active membership for 20 years prior to retirement; Active (3,600), minimum age 25, substantial experience or contributions as a motion-picture or television engineer or in teaching such engineering at the professional level; Associate (3,300), interest in professional motion-picture or television engineering, minimum age 30; Junior Associate (300), interest in professional motion-picture or television engineering, maximum age 29; Student (450), student of courses at accredited institutions related to motion-picture and television engineering.

MEMBERSHIP SERVICES: Participation in standardization activities; provision of test films for testing and evaluation of equipment and performance.

MEETINGS: Semiannual conferences (Spring and Fall); Annual Winter Television Conference (January).

PROFESSIONAL ACTIVITIES: *Research*: Study of color television problems; study of the practicality of the coded patterns required by the Federal Communications Commission for the verification of certain television broadcasts; projects of the scientific and technical committees. *Educational*: Sponsors annual extension courses in motion-picture subjects at the University of Southern California; administers, on behalf of the Academy of Motion Picture Arts and Sciences, scholarships in the total amount of \$10,000 per year available for graduate study and projects in the Society's areas of interest; gives two scholarships of \$1,250 per year each for undergraduate study in the junior and senior years of four-year courses related to the Society's areas of interest. *Prizes and Awards*: E. I. du Pont Gold Medal Award, annual, instrumentation photography; Eastman Kodak Gold Medal Award, annual, educational uses of motion-pictures, television or instrumentation photography; Journal Award, annual, best paper published in Society journal in preceding year; Herbert T. Kalmus Gold Medal Award, annual, color techniques or equipment; Progress Medal, annual, engineering contributions to motion pictures or television; David Sarnoff Award, annual, television engineering; Samuel L. Warner Award, annual, motion-picture sound. **PUBLICATIONS:** *Journal of the Society of Motion Picture and Television Engineers*, monthly, current volume: 80, \$26. Editor: Victor H. Allen.

SOCIETY OF MOTION PICTURE ENGINEERS. See SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS.

473 THE SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS. 74 Trinity Place, New York, N.Y. 10006. (212) 943-8650. President: Daniel D. Strohmeyer. Term expires December 1972. Secretary: Robert G. Mende. Term expires December 1971. Treasurer: Ralph C. Christensen. Term expires December 1971.

HISTORY AND ORGANIZATION: Incorporated April 28, 1893

in New York State. *Geographic Divisions*: Fifteen sections. *Scientific and Technical Committees*: Ship Production; Hull Structure; Hydrodynamics; Ship's Machinery; Ship Technical Operations; Marine Systems.

PURPOSE: To (1) advance the art, science and practice of naval architecture, shipbuilding and marine engineering, commercial and governmental, in all of their branches and of the allied arts and sciences and to promote the professional integrity of its members; (2) afford facilities for exchange of information and ideas among its members, to place on record the results of research, experience and information relative to original design and improved methods of construction of vessels, their machinery and equipment; (3) maintain and improve the status of naval architects and marine engineers and others of its members, and to afford facilities for their advancement in the knowledge of their profession; (4) cooperate with universities and other educational institutions and public educational authorities for the furtherance of education in naval architecture, shipbuilding and marine engineering, and in allied arts and sciences; (5) encourage and sponsor such experimental and other inquiries as may be considered important to the promotion of the art and science of naval architecture, shipbuilding and marine engineering and of allied arts and sciences; (6) investigate inventions and problems of special interest to the profession.

MEMBERSHIP: Member (4,420), competence and experience in naval architecture, marine engineering and other phases of engineering closely allied with the marine industry, graduate of a recognized technical institution with five years of engineering experience (two of which have been in responsible charge of work) or non-graduate with nine years of engineering experience, 30 years of age; Affiliate (464), persons whose pursuits, attainments or practical experience qualify them to cooperate in the advancement of the Society's objectives, a sound education and five years' experience in their field (two of which have been in responsible charge of work) or non-graduate with nine years' experience, 30 years of age; Associate (3,925), persons having competence in naval architecture, marine engineering or other phases of engineering closely allied with the marine industry, but who have not held a position of sufficient responsibility or who lack the experience necessary for a Member; Student (528), students of naval architecture, marine engineering or allied branches of engineering in accredited technical institutions or alternatively apprentices in shipyards, ship repair yards or ship engineering organization; Honorary (25), persons of acknowledged eminence upon whom the Council wishes to confer honorary distinction; Permanent (7), special interest in the Society and its objects; Special (28), government and quasi-government officials whose duties and responsibilities have an important bearing on marine matters either commercial or governmental; Foreign Affiliate (179), foreign societies which have objects, aims and purposes similar to those of this Society and which grant reciprocal privileges or similar membership to the members of this Society.

MEETINGS: Semiannual (Spring and November).

PROFESSIONAL ACTIVITIES: *Research*: The Society's Technical and Research Program provides a forum for expounding ideas; for reviewing the state of the art; for recommending and funding or seeding of high return research and engineering projects; for implementing, coordinating and/or directing applied research projects; and for spotlighting the need for necessary technical investigations. *Educational*: Scholarships in both the graduate and undergraduate levels are awarded to encourage young men to pursue studies in the naval

architectural and marine engineering or closely related fields. The graduate program offers full tuition plus \$2,100 living expenses. Undergraduate scholarships of \$1,000 are available at the Massachusetts Institute of Technology and the University of Michigan. Two grants-in-aid of \$1,000 each are available at the University of California at Berkeley. An annual grant is made to Webb Institute of Naval Architecture to bring it indirectly into the undergraduate program. *Prizes and Awards*: David W. Taylor Medal, annual, notable achievement in naval architecture and marine engineering; Vice Admiral "Jerry" Land Medal, annual, outstanding accomplishment in the marine field; Davidson Medal, biennial, outstanding scientific accomplishment in ship research; Captain Joseph H. Linnard Prize, annual, best paper contributed to proceedings of the Society; Vice Admiral E. L. Cochrane Award, annual, best section paper; Graduate Paper Honor Prize, \$250, outstanding paper presented by student before a section meeting; Graduate Paper Award, \$100, outstanding paper presented by student before a section meeting; Undergraduate Paper Honor Prize, \$250, outstanding paper presented by student before a section meeting; Undergraduate Paper Award, \$100, outstanding paper presented by student before a section meeting; Certificate of Appreciation, annual, to members for special service to the Society.

PUBLICATIONS: *Journal of Ship Research*, quarterly, current volume: 15, \$4 (members), \$8 (nonmembers), \$10 (foreign nonmembers). *Marine Technology*, quarterly, current volume: 8, \$4 (members), \$8 (nonmembers), \$10 (foreign nonmembers). Editor: E. Scott Dillon. *Transactions*, annual, current volume: 77, free to members, \$5 (student members), \$15 (nonmembers), \$16 (foreign nonmembers). *Yearbook*, biennial, free to members. *Spring Meeting Papers*, irregular.

474 SOCIETY OF NEMATOLOGISTS. *Address communications to*: B. Y. Endo, Secretary, Nematology Investigations, USDA, ARS, CRD Plant Industry Station, Beltsville, Md. 20705. (301) GR 4-6500. President: J. M. Good, Jr. Term expires August 1971. President-Elect: H. J. Jensen. Secretary: B. Y. Endo. Term expires August 1971. Treasurer: J. H. O'Bannon. Term expires August 1971.

HISTORY AND ORGANIZATION: Founded 1961. Incorporation pending. *Scientific and Technical Committees*: Common Names of Nematocides; Crop Losses. *Relationship with Other Societies*: Adherent member of American Institute of Biological Sciences; affiliate of National Academy of Sciences, Division of Biology and Agriculture; representative to National Research Council.

PURPOSE: To advance the science of nematology in both its fundamental and its economic aspects.

MEMBERSHIP: Member; Sustaining; Associate, usually a student without professional status; Honorary, outstanding work in nematology, voted in by majority consent of those attending the annual meeting. Total membership 620.

MEETINGS: Annual (late Summer to Fall).

PROFESSIONAL ACTIVITIES: *Educational*: Annual contest for the best student paper, plaque given as award. *Prizes and Awards*: Honorary life membership to an outstanding nematologist, one award a year.

PUBLICATIONS: *Journal of Nematology*, quarterly, current volume: 3, \$14 (U.S.), \$15 (foreign). Editor: S. D. VanGundy. *Nematology Newsletter*, quarterly, current volume: 17, free to members. Editor: Bruce Hopper.

475 SOCIETY OF NUCLEAR MEDICINE, INC. 211 East 43rd Street, New York, N.Y. 10017. (212) 687-9169. President: Henry N. Wagner, Jr. Term expires July 1971. President-Elect: James L. Quinn. Secretary: J. J. Smith. Term expires July 1972. Treasurer: Kenneth R. McCormack. Term expires July 1972.

HISTORY AND ORGANIZATION: Founded 1954 in Seattle, Washington. *Geographic Divisions:* Sixteen. *Scientific and Technical Committees:* Publications; Scientific Affairs and Research; Education and Training in Nuclear Medicine; Scientific Program; Scientific Exhibits; Technical Exhibits; International Affairs; Legislation; Technologists; Radiation Protection; Medical Internal Radiation Dose; Competence and Certification; Legislation.

PURPOSE: To (1) establish and maintain an organization of physicians and scientists of high standing with a common interest in the scientific and clinical disciplines concerned with diagnostic, therapeutic and investigative use of radionuclides; (2) organize meetings; (3) disseminate information; (4) advance the highest possible standards of education, research and practice of nuclear medicine.

MEMBERSHIP: Full (3,000), physicians, scientists with graduate degree; Associate (500), Baccalaureate degree, working in nuclear medicine; Technical Affiliate (1,000), high school degree, working as technician.

MEMBERSHIP SERVICES: Placement and educational services. **MEETINGS:** Annual (June).

PROFESSIONAL ACTIVITIES: *Research:* Medical internal radiation dose research. *Prizes and Awards:* Distinguished Science Award; Distinguished Service Award; awards for scientific exhibits.

PUBLICATIONS: *Journal of Nuclear Medicine*, monthly, current volume 12, \$30. Editor: Belton A. Burrows. *SNM Newsletter*, bimonthly, current volume 2. Editor: Margaret Glos.

476 SOCIETY OF PACKAGING AND HANDLING ENGINEERS. 14 East Jackson Boulevard, Chicago, Ill. 60604. (312) 427-6123. Chairman of the Board: C. A. Moore. President: P. Henningsen. Secretary: K. G. Ellison. Treasurer: F. L. Keefe. Administrative Secretary: Kay Butler.

HISTORY AND ORGANIZATION: Founded in 1945 as the Industrial Packaging Engineers Association. Incorporated same year in Illinois. In 1948, name changed to the Society of Industrial Packaging and Materials Handling Engineers. In 1958, present name adopted. *Geographic Divisions:* Five regions; twenty-four chapters. *Scientific and Technical Committees:* Education; Loss and Damage Control; News and Trends; Foreign Affairs; Technical; Technical Publications. *Relationship with Other Societies:* Member of the Engineers Joint Council and the Council of Engineering and Scientific Society Secretaries; cooperates with the American National Standards Institute and the American Society of Mechanical Engineers; exchanges information with the Japan Packaging Institute.

PURPOSE: To (1) advance the public welfare; (2) promote the professional and economic welfare of its membership; (3) uphold the integrity of the professions which it serves through engineering practices, research and investigations, economy and safety, education and the dissemination of information.

MEMBERSHIP: Junior (100), persons between the ages 18 to 25 who are entering into a career in the field of packaging and materials handling and believe that participation in the Society's activities and association with its members will further their career; Associate, persons qualified by reason of position or experience to cooperate with packaging and/or materials

handling engineers; Professional, age 26 or over, Bachelor's degree and three years of experience, or seven years of experience in packaging and/or materials handling (combined Associate and Professional membership 1,600); Corporate (24), firms, corporations, associations or institutions supporting the objectives, policies, activities and ideals of the Society.

MEMBERSHIP SERVICES: Speakers bureau; personnel service. **MEETINGS:** Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Preparation of technical briefs defining packaging materials and their characteristics, especially with regard to waste disposal; preparation of engineering standards for functions in the packaging and handling fields, including testing and actual production processes. *Educational:* Development of guidance to chapters for an assistance program to colleges and universities in promoting accredited courses in packaging and handling along with a recommended composite curriculum for such courses; annual seminar to study trends in packaging and material handling technology. *Prizes and Awards:* National Packaging and Materials Handling Competition, annual event with awards in seven categories; Member of the Year Award; Harold Jackson Trophy, best of show; Howard Buerman Memorial Trophy, best use of plastics; Quality of Environments Award, recognizes the impact of packaging on ecology.

PUBLICATIONS: *News and Trends*, four issues per year. Editor: Daryl Zimmer. *Technical Journal*. Editor: T. Major.

477 SOCIETY OF PETROLEUM ENGINEERS OF THE AMERICAN INSTITUTE OF MINING, METALLURGICAL, AND PETROLEUM ENGINEERS. 6200 North Central Expressway, Dallas, Tex. 75206. (214) 361-6601. President: L. B. Curtis. Term expires February 1973. President-Elect: M. Scott Kraemer. Executive Secretary: David L. Riley. Treasurer: Kenneth W. Robbins. Term expires February 1973.

HISTORY AND ORGANIZATION: In 1871 a group of mining engineers banded together to form the American Institute of Mining, which was incorporated in New York State in 1903 under the name of the American Institute of Mining Engineers. The name was changed to American Institute of Mining and Metallurgical Engineers. Incorporated in 1919. In 1913 a standing Committee on Oil and Gas was established, and the Committee was expanded to the Petroleum Division in 1922 as one of ten full professional divisions of the Institute. The Petroleum Division became the Petroleum Branch in 1949, as one of three separate semi-autonomous operating groups within the Institute. The Petroleum Branch office in Dallas was established in April 1946. Petroleum was added to the Institute name in 1955, and in 1957 the Society of Petroleum Engineers was formed as one of three societies within the Institute. *Geographic Divisions:* Sixty-two local sections. *Scientific and Technical Committees:* Environmental Quality; Symbols; Engineering Information and Data; Engineering Registration; General Editorial; Monograph; Reprint Series; Transactions Editorial; Drilling and Rock Mechanics; Well Completions; Well Logging; Education and Professionalism; Fluid Mechanics and Oil Recovery Processes; Formation Evaluation; Gas Technology; Geology and Geological Engineering; Management and General Interest; Offshore Operations and Technology; Production Operations; Reservoir Engineering; Career Guidance; Continuing Education; Economics and Evaluation. *Relationship with Other Societies:* The Society is one of three constituent societies of the American Institute of Mining, Metallurgical, and Petroleum Engineers.

PURPOSE: To (1) furnish a medium of cooperation among those

interested in the petroleum natural gas industry; (2) promote the advancement of this branch of mineral technology through meetings to stimulate the preparation, reading, discussion and circulation of papers connected therewith.

MEMBERSHIP: Member (11,427), at least 27 years of age, at least six years' employment in petroleum engineering or application of the sciences to any branch of the petroleum industry, position in responsible charge of engineering or technical work for three years, college degree in engineering or science not required, but in lieu thereof, must have substantial engineering experience; Junior (2,629), under 30 years of age, qualified to hold a subordinate position in petroleum engineering or application of the sciences of the petroleum industry, college degree in any branch of engineering or basic or applied sciences; Associate (2,725), engaged in work related to petroleum engineering, with qualifications other than those required for Member or Junior, professional stature in other than the engineering and science of the minerals, metals, or petroleum industry, college degree plus four years in a responsible position, or a minimum of six years in a responsible position; Student (901), full-time student in good standing in an approved school; Life.

MEMBERSHIP SERVICES: Distinguished lecturer program; symbols standardization.

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Educational:* Video-tape courses; traveling lecture series; student paper contest; scholarships; adult education courses. *Prizes and Awards:* Anthony F. Lucas Gold Medal, awarded periodically for distinguished achievement in improving the technique and practice of finding and producing petroleum; Cedric K. Ferguson Medal, awarded annually for an outstanding technical paper in any field of petroleum engineering written by a member of the Society under age 30; DeGolyer Distinguished Service Medal, awarded periodically for distinguished and outstanding service to the Institute and the Society, to the professions of engineering and geology and to the petroleum industry; John Franklin Carll Award, awarded periodically for distinguished achievement in or contributions to petroleum engineering; Lester C. Uren Award, awarded periodically for distinguished achievement in the technology of petroleum engineering by a member of the profession who made his contribution prior to age 45; Certificate of Service, awarded periodically for contributions to the Society that exhibit such exceptional devotion of time, effort, thought and action as to set them apart from other contributions and thereby create an added indebtedness of the Society to the contributor.

PUBLICATIONS: *Journal of Petroleum Technology*, monthly, current volume: 23, free to members. Editor: Dan K. Adamson. *Society of Petroleum Engineers Journal*, quarterly, current volume: 11, free to members. Editor: Dan K. Adamson. *Transactions, Society of Petroleum Engineers of AIME*, annual, \$15 (nonmembers), \$7.50 (members). Editor: Dan K. Adamson. *SPE Monograph Series*, irregular, current volume: 2. Editor: Dan K. Adamson. *Transactions Reprint Booklets*, irregular, current volume: 10, \$2.50 (members), \$2 (students). Editor: Dan K. Adamson.

SOCIETY OF PHOTOGRAPHIC ENGINEERS. See SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS.

SOCIETY OF PHOTOGRAPHIC INSTRUMENTATION ENGINEERS. See SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS.

478 SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS. 1330 Massachusetts Avenue, Washington, D.C. 20005. (202) 347-1140. President: Edward D. Llerena. Term expires June 1973. Secretary: Roger J. Ferryman. Term expires June 1973. Treasurer: George T. Eaton. Term expires June 1972. Executive Director: Robert H. Wood.

HISTORY AND ORGANIZATION: Originated in 1947 as the Society of Photographic Engineers (SPE). In 1957 the Technical Division of the Photographic Society of America merged into the SPE to form the Society of Photographic Scientists and Engineers. Reincorporated 1966 in Washington, D.C. *Geographic Divisions:* Sixteen regular member chapters; three student chapters. *Scientific and Technical Committees:* Editorial Review Board; Abstract Journal Publication Board; Education.

PURPOSE: To (1) advance the application of science to photography and photography to science; (2) gather and evaluate technical information in the field of science for dissemination by publications and technical meetings to all interested scientists and engineers and other interested members of the general public; (3) advance photographic science and its application to other sciences by stimulating the establishment of effective education and training in photographic science and engineering, and by the encouragement of individual and organized research programs among both members and nonmembers.

MEMBERSHIP: Honorary (10), eminent service in the advancement of photographic science or engineering; Sustaining, organization or individual making financial contribution for support of the Society; Fellow (53), Regular member making outstanding contribution to technical or scientific progress of photographic science or engineering; Senior (33), Regular member performing outstanding service to the Society; Regular (3,406), one of the following: (1) person engaged in photographic science or engineering for at least three years involving complex or highly technical engineering or scientific work in photography or application of photography to problems in science, engineering or industry; (2) teacher of photography for at least three years in recognized school or industry conducting a major course in at least one technical photographic field; (3) person who by technological competency has attained equivalent of requirement (1) or who has contributed to the advancement of photographic science or engineering or to the technical literature of these fields; (4) executive for at least three years with supervisory responsibility for research, development, production, testing or technical operations in scientific and applied photography; Associate (581), anyone interested in some technical or scientific aspect of photography; Student (156), full-time student in science, engineering or photography in an accredited college, university or other educational institution; Life (33), at least 60 years old, retired, Senior, Regular or Fellow for ten years, at least five years continuous membership.

MEMBERSHIP SERVICES: A new service for unemployed members is being formed.

MEETINGS: Annual conference (April or May); annual symposia (Spring and October); tutorial seminars (four to six).

PROFESSIONAL ACTIVITIES: *Research:* Independent Tracking Coordination Program; membership survey (1967 and late 1971). *Educational:* Science fair certificates to students with the most outstanding exhibits. *Prizes and Awards:* Journal Award, best photographic science paper published in the journal of the Society; Charles E. Ives Award, outstanding photographic engineering paper published in the journal of the Society; Kosar Memorial Award, annual, outstanding

contributions in the field of unconventional photographic systems.

PUBLICATIONS: *Photographic Science and Engineering*, bimonthly, current volume: 15, \$25 (domestic), \$30 (foreign). Editor: Deane R. White. *Abstracts of Photographic Science and Engineering Literature*, monthly, current volume: 10. Editor: Thomas T. Hill. *Image Technology*, bimonthly, current volume: 13, \$20 (domestic), \$40 (foreign). Editor: Bobby Aitchison. *SPSE News*, monthly, current volume: 2. Editor: Ara Hourdajian.

479 SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS. 119 Palos Verdes Boulevard, Redondo Beach, Calif. 90277. (213) 378-1216. President: Bernard G. Ponsaggi. Term expires October 1971. Secretary: Seymour Schreck. Term expires October 1971. Treasurer: Al M. Pezzuto. Executive Director: Joseph Yaver.

HISTORY AND ORGANIZATION: Founded and incorporated in 1955 in California as the Society of Photographic Instrumentation Engineers. *Geographic Divisions:* Six. *Specialty Divisions:* Optical Design; Astronomy and Astronomical Techniques; Earth Resources; Photographic Processing; Photo-Optical Applications in Flow Visualization; Bio-Medical Fiber Optics; Photographic Data Recording; High Speed Photography; Coherent Optics; Data Reduction and Computer Applications; Underwater Photography; Electro-Optical Systems.

PURPOSE: To promote the exchange of information and the advancement of knowledge concerning the science of photo-optical instrumentation and its applications.

MEMBERSHIP: Life (7), founding directors and first executive director; Fellow (19), members who are awards recipients; Regular (1,400), age 24, engineer or scientist in photographic or optical field; Sustaining (58).

MEETINGS: Annual (August or September).

PROFESSIONAL ACTIVITIES: *Educational:* Courses in photo-optical instrumentation as part of the engineering extension program at the university level; four to six seminars each year. *Prizes and Awards:* Alan Gordon Memorial Award, advancement of photographic instrumentation as a science of observation, recording and measurement; Karl Fairbanks Memorial Award, significant contribution to the advancement of photo-optical instrumentation by an individual working in industry and an individual working in government; George W. Goddard Award, outstanding individual contributions to aerospace photo-optical instrumentation engineering; Directors Award, Governors Award, Presidents Award and Service Citations, all for exceptional services to the Society.

PUBLICATIONS: *Society of Photo-Optical Instrumentation Engineers Journal*, bimonthly, current volume: 9, \$15 (domestic), \$18 (foreign). Editor: Joseph Yaver.

SOCIETY OF PHYSICAL THERAPY PHYSICIANS. See AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION.

480 SOCIETY OF PLASTICS ENGINEERS, INC. 656 West Putnam Avenue, Greenwich, Conn. 06830. (203) 661-4770. President: Irwin L. Podell. Term expires May 1972. Secretary: John H. Myers. Term expires May 1972. Treasurer: Theodore S. Stoughton. Term expires May 1972. Executive Secretary: Robert D. Forger.

HISTORY AND ORGANIZATION: Founded December 2, 1941 in Detroit, Michigan. Articles of incorporation issued by the State of Michigan on August 21, 1942. The original name of

Society of Plastics Sales Engineers was changed to present name on August 19, 1942. *Geographic Divisions:* Sixty-seven. *Specialty Divisions:* Color and Appearance; Extrusion; Injection and Rotational Molding; Electrical and Electronics; Thermofforming; Engineering Properties and Structure; Vinyl Plastics; Thermosetting Molding; Polyolefins; Blow Molding; Plastics in Automotive; Plastics in Building; Plastics Analysis. *Scientific and Technical Committees:* Education; Engineering Standards; International Relations; Inter-Society Relations; Meetings; Publications; Technical Program; Technical Volumes.

PURPOSE: To promote the scientific and engineering knowledge relating to plastics.

MEMBERSHIP: Senior (4,139), minimum of 12 experience credits and continuous membership for two years; Member (8,369), minimum of six experience credits; Affiliate (2,429), less than six experience credits; Student (453), full-time student studying plastics.

MEMBERSHIP SERVICES: Encouraging engineers and scientists to exchange technical information relating to plastics; cooperating with and encouraging educational institutions to establish technical and scientific courses relating to plastics and to maintain high standards of technical education.

MEETINGS: Annual (May); National (November).

PROFESSIONAL ACTIVITIES: *Educational:* Educational seminars. *Prizes and Awards:* International Award in Plastics; Science and Engineering, annual.

PUBLICATIONS: *Society of Plastic Engineers Journal*, monthly, current volume: 27, \$12 (nonmembers). Editor: George R. Smoluk. *Polymer Engineering and Science*, bimonthly, current volume: 11, \$15. Editor: Roger S. Porter.

SOCIETY OF PLASTICS SALES ENGINEERS. See SOCIETY OF PLASTICS ENGINEERS, INC.

481 SOCIETY OF PROFESSIONAL WELL LOG ANALYSTS, INC. 13507 Tosca Lane, Houston, Tex. 77024. (713) 468-5930. President: Karl F. Kennedy. Term expires May 1971. Executive Secretary: C. Richard Glanville.

HISTORY AND ORGANIZATION: Founded January 1959 in Tulsa, Oklahoma. Incorporated 1959 in Oklahoma. *Geographic Divisions:* Fifteen. *Scientific and Technical Committees:* Technological.

PURPOSE: To (1) advance the science of formation evaluation through electrical, nuclear, lithological, and other well logging techniques; (2) develop the proper application of these techniques; (3) maintain high ethical standards of persons professionally engaged in these endeavors; (4) study, collect, preserve, and disseminate information among persons professionally engaged or interested in the science of formation evaluation.

MEMBERSHIP: Member (670), practice formation evaluation using well logging techniques for nine years (degree worth four years experience); Junior (100), practice formation evaluation using well logging techniques for four years; Associate (100), abiding interest in formation evaluation using well logging techniques.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Education grants to universities teaching formation evaluation. *Prizes and Awards:* Gold Medal Award for Achievement, outstanding contributions to the science of formation evaluation using well logging techniques, given irregularly; Best Paper Award, annual, paper selected as best of all papers published for a

one-year period in the Society's technical magazine.

PUBLICATIONS: *The Log Analyst*, bimonthly, current volume: 12, \$10. Editor: Joe S. Osoba. *Logging Symposium Transactions*, annual, current volume: 12, \$12. Editor: Joe S. Osoba.

482 SOCIETY OF PROTOZOOLOGISTS. *Address communications to:* Datus M. Hammond, Secretary, Utah State University, Logan, Utah, 84321. (801) 752-4100. President: William B. Cosgrove. Term expires September 1971. Secretary: Datus M. Hammond. Term expires September 1973. Treasurer: Darryll E. Outka. Term expires September 1972.

HISTORY AND ORGANIZATION: Founded December 1947 in Chicago, Illinois. The first formal meeting was held two years later in New York City. Incorporated 1965 in Florida. *Geographic Divisions:* Three. *Scientific and Technical Committees:* Systematics and Evolution; Information Problems; International Biological Program; Education. *Relationship with Other Societies:* Adherent to the American Institute of Biological Sciences; affiliated with the American Association for the Advancement of Science; member of World Federation of Parasitologists; cooperation with National Academy of Sciences-National Research Council; representation on Board of Trustees of American Type Culture Collection and the Advisory Committee on the Collection of Protozoa. The Society has associated societies in Great Britain, Israel and Scandinavia.

PURPOSE: To form an association of workers for the presentation and discussion of new or important facts and problems in protozoology and for the promulgation of such measures as will foster the development and advancement of the science of protozoology.

MEMBERSHIP: Regular (775), espousal of the stated aims of the Society; Student (130), student status; Corresponding (115), legal residence outside of the U.S.; Family (0), membership in immediate family of a Regular member; Emeritus (0), membership for 15 years, retirement from professional activities; Honorary (15), selection on the basis of exceptionally meritorious contributions to protozoology.

MEETINGS: Annual (Summer).

PROFESSIONAL ACTIVITIES: *Research:* Survey of membership; study of education; study of publications; study of information. *Educational:* Preparation of career opportunities brochure, reading list, film list and laboratory exercises suitable for general biology courses; sponsorship of occasional refresher courses and publication of manuals, guides and books.

PUBLICATIONS: *Journal of Protozoology*, quarterly, current volume: 18, \$25. Editor: Norman D. Levine.

483 SOCIETY OF SYSTEMATIC ZOOLOGY. *Address communications to:* U.S. National Museum of Natural History, Washington, D.C. 20560. President: Robert F. Inger. Term expires 1971. President-Elect: Norman D. Newell. Secretary: Gerald I. Stage. Term expires 1971. Treasurer: William R. Taylor. Term expires 1971.

HISTORY AND ORGANIZATION: Founded 1948 in Washington, D.C. *Geographic Divisions:* One. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science, American Institute of Biological Sciences, National Research Council and the American Society of Zoologists.

PURPOSE: To stimulate interest and facilitate work in systematic (taxonomic) zoology.

MEMBERSHIP: Individual (1,400), interest in systematic biology.

MEETINGS: Annual (December with the American Association for the Advancement of Science or Summer with the American Institute of Biological Sciences).

PROFESSIONAL ACTIVITIES: *Educational:* Summer Institute in Systematics jointly in alternate years with the Smithsonian Institution.

PUBLICATIONS: *Systematic Zoology*, quarterly, current volume: 20, \$12. Editor: A. J. Rowell.

SOCIETY OF TECHNICAL WRITERS. See SOCIETY FOR TECHNICAL COMMUNICATION.

SOCIETY OF TECHNICAL WRITERS AND EDITORS. See SOCIETY FOR TECHNICAL COMMUNICATION.

SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS. See SOCIETY FOR TECHNICAL COMMUNICATION.

484 THE SOCIETY OF THE SIGMA XI. 155 Whitney Avenue, New Haven, Conn. 06510. (203) 624-6140. President: Frank C. Croton. Term expires December 1972. President-Elect: Harvey A. Neville. Executive Director: Thomas T. Holme. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1886 at Cornell University, Ithaca, New York. Incorporated 1942 in Connecticut. *Geographic Divisions:* One hundred and eighty chapters; 230 clubs. *Scientific and Technical Committees:* Publications; National Lectureship; Grants-in-Aid of Research; Health of Science. *Relationship with Other Societies:* Affiliated with the Scientific Research Society of America.

PURPOSE: To encourage original investigation in science, pure and applied.

MEMBERSHIP: Member (67,558), elected for noteworthy achievement as an original investigator in some field of pure or applied science; Associate (33,762), elected for marked aptitude for research in the field of pure or applied science.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Grants-in-aid for research projects, not to exceed \$1,000; national lectureship program.

PUBLICATIONS: *American Scientist*, bimonthly, current volume: 59, \$9. Editors: Hugh S. Taylor, Caryl P. Haskins. *Chapter-at-Large Newsletter*, quarterly, current volume: 5. Editor: John P. McGovern.

485 THE SOCIETY OF TOXICOLOGY. *Address communications to:* Joseph F. Borzelleca, Secretary, 12th and Clay Streets, Richmond, Va. 23219. (703) 770-4676. President: Robert L. Roudabush. Term expires April 1971. President-Elect: Wayland J. Hayes. Secretary: Joseph F. Borzelleca. Term expires April 1971. Treasurer: Donald McCollister. Term expires April 1973.

HISTORY AND ORGANIZATION: Founded and incorporated 1961 in Washington, D.C. *Scientific and Technical Committees:* Publication; Program; Technical.

PURPOSE: To (1) promote the extension of knowledge in toxicology; (2) facilitate the exchange of information among its members as well as among investigators of other scientific disciplines.

MEMBERSHIP: Honorary (1); Active (600); Retired (2).

MEMBERSHIP SERVICES: Placement service; information services; consultations.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Prizes and Awards*: Achievement Award, outstanding contributions to toxicology before age 35; Merit Award, outstanding career in toxicology.

PUBLICATIONS: *Toxicology and Applied Pharmacology*, bi-monthly, current volume: 18. Editor: Earl Dearborn.

SOCIETY OF VACCINE THERAPISTS. See THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS.

486 THE SOCIETY OF VERTEBRATE PALEONTOLOGY.

Address communications to: Theodore Downs, Secretary-Treasurer, 900 Exposition Boulevard, Los Angeles, Calif. 90007. (213) 746-0410. President: Craig C. Black. Term expires November 1971. President-Elect: Donald E. Savage. Secretary-Treasurer: Theodore Downs. Term expires November 1971.

HISTORY AND ORGANIZATION: Established December 1940 by the group of vertebrate paleontologists who had previously functioned as a section of the Paleontological Society. *Relationship with Other Societies*: Affiliated with the American Geological Institute.

PURPOSE: To (1) promote the science of vertebrate paleontology especially in North America; (2) serve the common interests and facilitate the cooperation of all persons concerned with the history, evolution, comparative anatomy and taxonomy of vertebrate animals, as well as the field occurrence, collection and study of fossil vertebrates and the stratigraphy of the beds in which they are found.

MEMBERSHIP: Domestic (698); Foreign (160); Honorary (9). Open to all persons at least 21 years of age interested in any aspect of the science of vertebrate paleontology.

MEETINGS: Annual.

PUBLICATIONS: *News Bulletin*, three issues per year, current volume: 91, \$3. Editors: John Ostrom, Elwyn Simons. *Bibliography of Vertebrate Paleontology and Related Subjects*, annual, current volume: 24, \$1.50. Editors: John Ostrom, Elwyn Simons.

SOCIETY OF WILDLIFE SPECIALISTS. See THE WILDLIFE SOCIETY, INC.

487 SOCIETY OF WOMAN GEOGRAPHERS. 1619 New Hampshire Avenue, N.W., Washington, D.C. 20009. (202) 265-2669. President: Marion Stirling. Term expires May 1972. Treasurer: Evelyn L. Pruitt. Term expires May 1972.

HISTORY AND ORGANIZATION: Founded in New York City in 1925. Incorporated June 2, 1937, under the laws of the District of Columbia. *Geographic Divisions*: Five.

PURPOSE: To (1) form a medium of contact between women engaged in geographical work and its allied sciences (ethnology, archeology, botany, natural history, sociology, folk lore, arts and crafts); (2) aid and stimulate geographical research; (3) maintain contact with similar organizations; (4) distribute scientific information of a geographical nature.

MEMBERSHIP: Active (343), traveled women who have done distinctive work whereby they have added to the world's store of knowledge concerning the countries on which they have specialized and who have published or produced in permanent form a record of their work; Corresponding (49), women who fulfill the requirements for Active membership but who reside outside the U.S. and Canada; Associate (47), widely traveled women who are interested in furthering all forms of geographical exploration and research.

MEETINGS: Monthly (October-June); triennial.

PROFESSIONAL ACTIVITIES: *Educational*: Adelene Moffat Fellowship Fund provides fellowships to graduate students for advanced research or field work leading toward a Ph.D.; Harriet Chalmers Adams Memorial Endowment Fund provides scholarships to assist women in scientific work or in research projects. *Prizes and Awards*: A gold medal to members of the Society for original contributions to geographic knowledge has been presented four times to date.

PUBLICATIONS: *Bulletin*, annual, members only.

488 SOCIETY OF WOMEN ENGINEERS, INC. 345 East 47th Street, New York, N.Y. 10017. (212) PL 2-6800. President: Olive Salembier. Term expires July 1972. Secretary: Carolyn Phillips. Term expires July 1972. Treasurer: Phyllis Gaylard. Term indefinite. Executive Secretary: Winifred D. White.

HISTORY AND ORGANIZATION: Founded 1949. Incorporated February 13, 1952 in the District of Columbia. *Geographic Divisions*: Eighteen sections; thirty-three student sections. *Relationship with Other Societies*: Associate member of the Engineers Joint Council; member of the Council of Engineering and Scientific Societies Secretaries.

PURPOSE: To (1) inform young women, their parents, counselors, and the public in general of the qualifications and achievements of women engineers and of the opportunities open to them; (2) assist women engineers in readying themselves for a return to active work after temporary retirement; (3) serve as a center of information on women in engineering; (4) encourage women engineers to attain levels of educational and professional achievement.

MEMBERSHIP: Senior (133), member with an engineering degree from a recognized engineering college or university and not less than six years of increasingly important engineering experience, or a degree in a science related to engineering from a recognized college or university and not less than eight years of increasingly important engineering experience indicating engineering competency and achievement; Member (482), engineering degree from a recognized engineering college or university, or not less than five years of engineering experience indicating engineering competency and achievement; Associate (131), employment in or training for fields related to engineering and interest in the advancement of engineering; Student (454), enrolled in a recognized college or university pursuing a course of study leading to a degree in engineering or a science related to engineering. Honorary (3).

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research*: Surveys of women engineering undergraduates and graduates. *Educational*: Lillian Moller Gilbreth Engineering Scholarship, \$500, to woman undergraduate engineering student. *Prizes and Awards*: Annual Achievement Award, to a woman; Rodney D. Chipp Memorial Award, to a man or corporation for outstanding service, occasionally to a woman in engineering.

PUBLICATIONS: *SWE Newsletter*: five issues per year. Editor: Olive Salembier. *Directory of Society of Women Engineers*, biennial.

489 SOCIETY OF WOOD SCIENCE AND TECHNOLOGY. P.O. Box 5062, Madison, Wis. 53705. (608) 257-2211. President: Frederick L. Brown. Term expires June 1971. President-Elect: Gilbert L. Comstock. Secretary-Treasurer: Francis C. Beall. Term expires June 1971. Executive Secretary: Erwin L. Schaffer.

HISTORY AND ORGANIZATION: Founded June 1958 as the

American Society of Wood Engineering. Became the Society of Wood Science and Technology on January 1, 1960. Incorporated 1961 in Wisconsin. *Scientific and Technical Committees*: Paper; Industry; Manpower; Resources; Council.

PURPOSE: To (1) foster educational programs directed toward professional advancement; (2) promote research in wood science and technology; (3) provide a medium of exchange of ideas and technical information relating to wood science and technology.

MEMBERSHIP: Member (425), graduate of a college accredited by one of the six regional Associations of Colleges and Secondary Schools or of a curriculum in a foreign school judged by the admissions committee to be equivalent to one offered by accredited U.S. schools; Associate (2), college graduate as prescribed above with Bachelor's degree in mathematics, chemistry, biology, physics, engineering, economics, forestry or business, but does not meet all educational requirements for membership, working or studying in an area allied to field of wood science or technology; Student (150), enrolled in a curriculum which meets educational requirements for Member or Associate membership.

MEETINGS: Annual (June or July).

PROFESSIONAL ACTIVITIES: *Research*: Information retrieval systems study; status of profession of wood science and technology. *Educational*: Sponsors lectures at colleges by leading wood scientists; engages in continuing study of curricula. *Prizes and Awards*: Merit Student Award, meritorious work as a student in wood science (presently inactive); Distinguished Service Award, significant contributions to the profession of wood science and technology (no frequency prescribed).

PUBLICATIONS: *Wood and Fiber*, four issues per year, current volume: 3, \$12. Editor: Benjamin A. Jayne.

490 THE SOIL AND CROP SCIENCE SOCIETY OF FLORIDA. 2163 McCarthy Hall, University of Florida, Gainesville, Fla. 32601. (904) 392-1953. President: E. M. Hodges. Term expires December 1971. Secretary-Treasurer: Don Rothwell. Term indefinite.

HISTORY: Organized 1939.

PURPOSE: To develop and apply soil and crop sciences to Florida agriculture.

MEMBERSHIP: Individual (398); Sustaining (84); University and Library (107). Open to any individual or organization interested in the Society's objectives.

MEETINGS: Annual (December).

PUBLICATIONS: *Proceedings of the Soil and Crop Science Society of Florida*, annual, current volume: 29, \$5.

491 THE SOIL CONSERVATION SOCIETY OF AMERICA, INC. 7515 N.E. Ankeny Road, Ankeny, Iowa 50021. (515) 289-2331. President: Einar L. Roget. President-Elect: J. R. Johnston. Director: H. Wayne Pritchard.

HISTORY AND ORGANIZATION: Founded 1943 in Washington, D.C. Incorporated 1949 in District of Columbia. *Geographic Divisions*: Nine regions; 133 chapters. *Scientific and Technical Committees*: Conservation Crop Utilization; Conservation Economics; Conservation Education; Conservation Research; Erosion and Sedimentation; Land Use Planning; Natural Vegetation; Outdoor Recreation; Professional Training; Solid Waste Management; Surface Mined Area Development; Urban-Suburban Conservation; Water Resources Management; Environmental Concern.

PURPOSE: To (1) develop and advance the science and art of good land use and management; (2) promote the conservation

of soil, water and related renewable natural resources, including without limitation trees, grass, fish, wildlife and all forms of beneficial plant and animal life, and for these purposes to employ education of the people and other appropriate means, to the end that mankind may have the use and enjoyment of these resources forever.

MEMBERSHIP: Regular (12,375); Spouse (241); Student (417); Libraries (778); Fellow (170); Honorary (134); Industrial (107).

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Research*: Review and advisory activities of the Research Committee. *Educational*: Twenty scholarships in conservation, \$500 each, granted to encourage qualified students to increase their interest in conservation, to obtain technical competence in some phase of conservation, and to pursue a career in this area; Donald A. Williams Soil Conservation Scholarship, \$1,200, to provide financial assistance to members of the Soil Conservation Society of America who are currently employed but wish to take a suitable period of time for the purpose of pursuing studies to improve their technical or administrative competence in some phase of conservation. *Prizes and Awards*: Fellow Award, to members who have performed exceptional service in advancing the science and art of good land use; Honorary Member, to nonmembers who have performed outstanding service in advancing the science and art of good land use; Commendation, unusual and extraordinary activities and significant contributions in behalf of the objectives of the Society; Merit, initiative and action on the part of an individual or organization in developing or carrying out conservation activity.

PUBLICATIONS: *Journal of Soil and Water Conservation*, bi-monthly, current volume: 26, \$10. Editor: Max Schnepf.

492 SOIL SCIENCE SOCIETY OF AMERICA, INC. 677 South Segoe Road, Madison, Wis. 53711. (608) 274-1212. President: R. J. McCracken. Term expires August 1971. President-Elect: S. R. Olsen. Executive Vice President: Matthias Stelly.

HISTORY AND ORGANIZATION: Founded November 18, 1936. Incorporated 1952 in Wisconsin. *Specialty Divisions*: Soil Physics; Soil Chemistry; Soil Microbiology and Biochemistry; Soil Fertility and Plant Nutrition; Soil Genesis, Morphology and Classification; Soil and Water Management and Conservation; Forest and Range Soils; Fertilizer Technology and Use; Soil Mineralogy. *Scientific and Technical Committees*: Training of Soil Scientists; Slide Coordination; Soil Science Terminology; Publication and Retrieval of Information; Abstracting of Agronomic Literature; Quality of Environment; Particle Size Distribution; Soil Testing and Plant Analysis; Water Resources; Soils-Geomorphology; Soil Pollution; International Agronomy. *Relationship with Other Societies*: Shares the same executive officer, staff and headquarters facilities with the American Society of Agronomy and the Crop Science Society of America.

PURPOSE: To (1) promote basic and applied research in soils; (2) foster high standards in the education of soil scientists and in the teaching of soil science; (3) make information available on soil science.

MEMBERSHIP: Active (2,948), anyone interested in the objectives of the Society; Graduate Student (353), open to both graduate and undergraduate students; Emeritus (30), active member for 25 years and retired.

MEMBERSHIP SERVICES: Placement service; career information; soon to be established soil sample bank.

MEETINGS: Annual (Fall).

PROFESSIONAL ACTIVITIES: *Educational:* Developing visual aids for teaching purposes. *Prizes and Awards:* Annual Soil Science Award; Annual Emil Truog Soil Science Award.

PUBLICATIONS: *Soil Science Society of America Proceedings*, bimonthly, current volume: 35, \$22. Editor: E. J. Kamprath. *Journal of Environmental Quality*, quarterly, \$7. Editor: A. A. Hanson.

493 SOUTH CAROLINA ACADEMY OF SCIENCE. *Address communications to:* L. Harold Stevenson, Secretary-Treasurer, University of South Carolina, Columbia, S.C. 29208. (803) 777-5157. President: John W. Michener. Term expires April 1972. President-Elect: John Freeman. Secretary-Treasurer: L. Harold Stevenson. Term expires April 1972.

HISTORY AND ORGANIZATION: Founded 1924. Granted a state charter in 1963 by the General Assembly of South Carolina. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science.

PURPOSE: To promote the advancement of science in South Carolina by encouraging research and study and by providing for the presentation of the results of scientific investigation.

MEMBERSHIP: Regular (560), interest in science; Student (242), graduate or undergraduate student; Patron (44).

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* American Association for the Advancement of Science Research Grant, to promote research in high school; Jefferson Award, outstanding research paper; Matheson, Coleman and Bell-Columbia, outstanding paper in chemistry; CRYOVAC, high school science teacher of the year.

PUBLICATIONS: *Bulletin of the South Carolina Academy of Science*, annual, current volume: 32, free to members. Editor: Gilbert Fairbanks.

494 THE SOUTH CAROLINA PHARMACEUTICAL ASSOCIATION. *Address communications to:* Pete G. Gustafson, Executive Director, Route 3, Box 47-C, Winnsboro, S.C. 29180. (803) 635-3850. President: John M. Clark. Term expires June 1971. President-Elect: Ralph M. Wäike. Secretary-Treasurer: Leon O. George. Term expires 1975. Executive Director: Pete G. Gustafson. Term indefinite.

HISTORY AND ORGANIZATION: Founded in 1872 as the Pharmaceutical Association of South Carolina. Incorporated 1876. Present name adopted 1969. *Geographic Divisions:* Eleven. *Relationship with Other Societies:* Auxiliaries of the Association include the Women's Auxiliary and the Traveling Men's Auxiliary.

PURPOSE: To (1) promote the advancement of pharmacy and encourage a more thorough education in practical and theoretical knowledge of the profession; (2) adhere to and enforce the code of ethics of the Association; (3) support a program of education, licensure, registration and continuing education of pharmacists; (4) improve and promote public health safety by aiding in establishing drug standards, aid in detecting and preventing misbranding of drugs and medicines, prevent the substitution of inferior drugs and medicines, and take steps to assure the production and distribution of drugs and medicines of the highest quality; (5) foster and encourage interprofessional relations so that pharmacists and allied professions may contribute to public health safety and welfare in the fullest measure; (6) promote fellowship and friendly relations among its members and other professional organizations; (7) take a firm commitment for pharmacy and its rights.

MEMBERSHIP: Active, registered pharmacist, graduate of an

accredited pharmacy school, or any graduate or senior undergraduate student regularly enrolled at an accredited pharmacy school; Associate, any assistant pharmacist, pharmaceutical chemist, pharmaceutical manufacturer, drug wholesaler, medical service representative, or anyone vitally interested in pharmacy; Student; Life; Honorary.

MEETINGS: Annual (Spring or Summer).

PROFESSIONAL ACTIVITIES: *Research:* Membership surveys. *Educational:* Annual seminar. *Prizes and Awards:* Membership Award; Outstanding District President Award.

PUBLICATIONS: *Palmetto Pharmacist*, monthly, current volume: 10, free to members. Editor: Pete G. Gustafson.

495 SOUTH DAKOTA STATE MEDICAL ASSOCIATION. 711 North Lake Avenue, Sioux Falls, S. Dak. 57104. (605) 336-1965. President: J. A. Muggly. Term expires May 1971. President-Elect: G. Robert Bartron. Secretary-Treasurer: A. P. Reding. Term expires 1973. Executive Secretary: Richard C. Erickson.

HISTORY AND ORGANIZATION: The Dakota Medical Society was formed in 1882 in Milbank, South Dakota. Name was changed in 1891 to the South Dakota State Medical Association. Incorporated 1891 in South Dakota. *Geographic Divisions:* Twelve district medical societies. *Scientific and Technical Committees:* Scientific Medicine. *Relationship with Other Societies:* Affiliated with the American Medical Association. **PURPOSE:** To (1) advance the medical and collateral sciences and assist in acquiring a knowledge of the same; (2) work for the benefit of community health and welfare; (3) elevate the standards of medical education; (4) assist in establishing high standards of medical care in all public programs.

MEMBERSHIP: Active (450), Doctors of Medicine licensed to practice in South Dakota or allowed to do so under Medical Practice Act; Honorary (20), retired from active practice, member for ten years; Associate (5), resident physician or in military service.

MEMBERSHIP SERVICES: Legislative representation; placement service; public relations; mailing services; information center; administrative services.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Educational:* Two tuition scholarships to medical students at the University of South Dakota; Medical-Legal Conference; annual scientific meeting. *Prizes and Awards:* Science Fair Prize, annual.

PUBLICATIONS: *South Dakota Journal of Medicine*, monthly, current volume: 24, \$5. Editor: R. E. Van Demark. *The Grab Bag*, irregular, current volume: 159. Editor: Richard C. Erickson.

496 SOUTHERN APPALACHIAN BOTANICAL CLUB. 427 Brooks Hall, Morgantown, W. Va. 26506. (304) 293-4993. President: Samuel B. Jones, Jr. Term indefinite. Secretary: Elizabeth A. Bartholomew. Treasurer: Herald D. Bennett.

HISTORY AND ORGANIZATION: Founded in 1936 at Morgantown, West Virginia. *Relationship with Other Societies:* Meetings held jointly with the Association of Southeastern Biologists.

PURPOSE: To disseminate information concerning the botany of the southeastern United States.

MEMBERSHIP: Individual (\$50), interest; Library (125).

MEMBERSHIP SERVICES: Information retrieval.

MEETINGS: Annual (April).

PUBLICATIONS: *Castanea*, quarterly, current volume: 36, \$6, \$8.50. Editor: Earl L. Core.

487 SOUTHERN CALIFORNIA ACADEMY OF SCIENCES. 900 Exposition Boulevard, Los Angeles, Calif. 90007. (213) 746-0410. President: Andrew Starrett. Term expires December 1971. Secretary: Charles Rozaire. Term expires December 1971. Treasurer: Russell Belous. Term expires December 1971.

HISTORY AND ORGANIZATION: Originated in November 1891 as the Southern California Science Association. Present name adopted in 1896. Incorporated 1907 in California. *Specialty Divisions:* Anthropology; Botany; Earth Sciences; Experimental Biology; Invertebrate Zoology; Vertebrate Zoology. *Scientific and Technical Committees:* Conservation.

PURPOSE: To (1) secure a more frequent interchange of thought and opinion among those who devote themselves to scientific and natural history studies; (2) elicit and diffuse a taste for such studies where it is yet unformed; (3) afford increased facilities for its extension where it already exists.

MEMBERSHIP: Member (350); Student (100); Life (20). Open to those interested in science and natural history.

MEETINGS: Annual (May); interim.

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Student Award, annual, best research paper given at annual meeting by a student.

PUBLICATIONS: *Bulletin of the Southern California Academy of Sciences*, triannual, current volume: 70, \$10. Editor: Donald J. Reish. *Memoir of S.C.A.S.*, irregular, current volume: 8. Editor: Donald J. Reish.

SOUTHERN CALIFORNIA SCIENCE ASSOCIATION. See SOUTHERN CALIFORNIA ACADEMY OF SCIENCES.

SOUTHERN DENTAL ASSOCIATION. See AMERICAN DENTAL ASSOCIATION.

498 SOUTHERN SOCIOLOGICAL SOCIETY. *Address communications to:* T. Stanton Dietrich, Secretary-Treasurer, Florida State University, Tallahassee, Fla. 32306. (904) 599-2015. President: Richard L. Simpson. Term expires February 1972. President-Elect: Charles M. Grigg. Secretary-Treasurer: T. Stanton Dietrich.

HISTORY AND ORGANIZATION: Founded 1935. *Scientific and Technical Committees:* Profession. *Relationship with Other Societies:* Regional affiliation with the American Sociological Association.

PURPOSE: To stimulate and improve research, teaching, discussion, association and cooperative relationships among persons interested in the scientific study of society.

MEMBERSHIP: Regular (1,100), Student (170); Joint (50). Open to anyone interested in the objectives of the Society, upon application and with recommendation by a member.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Howard W. Odum Award, \$50 for best student paper, \$100 for best faculty member paper.

PUBLICATIONS: *Social Forces*, quarterly, current volume: 49, \$6. Editor: Richard L. Simpson. *Southern Sociologist*, current volume: 2. Editor: Clifton Bryant.

499 SOUTHWESTERN ASSOCIATION OF NATURALISTS. *Address communications to:* Robert Packard, Permanent Secretary, Department of Biology, Texas Tech University, Lubbock, Tex. 79409. President: Robert Clark. Term expires April 1972. Permanent Secretary: Robert Packard. Term expires April 1972.

HISTORY AND ORGANIZATION: Founded May 23, 1953 at the University of Oklahoma Biological Station, Lake Texoma, Oklahoma. *Scientific and Technical Committees:* Conservation.

PURPOSE: To (1) promote the field study of plants and animals, living and fossil, in the southwestern United States and Mexico; (2) aid the scientific activities of its members.

MEMBERSHIP: Member (585); Sustaining (38); Life (32); Patron (1).

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Wilks Award, annual, \$25, best student paper presented at the annual meeting.

PUBLICATIONS: *Southwestern Naturalist*, quarterly, current volume: 16, \$10. Editor: Keith Arnold. *SWANews*, quarterly, free to members. Editor: Chester Rowell.

SOUTHWESTERN ASSOCIATION OF PETROLEUM GEOLOGISTS. See THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, INC.

500 SPECIAL LIBRARIES ASSOCIATION. 235 Park Avenue South, New York, N.Y. 10003. (212) 777-8136. President: Florine Oltman. Term expires June 1971. President-Elect: Efen W. Gonzalez. Secretary of the Board: Edythe Moore. Term expires June 1971. Treasurer: Janet M. Rigney. Term expires June 1973. Executive Director: F. E. McKenna.

HISTORY AND ORGANIZATION: Established in 1909 in Bretton Woods, New Hampshire. Originally incorporated 1928 in Rhode Island. Incorporated 1959 in New York State. *Geographic Divisions:* Thirty-seven chapters. *Specialty Divisions:* Advertising and Marketing; Aerospace; Biological Sciences; Business and Finance; Chemistry; Documentation; Engineering; Geography and Map; Insurance; Metals/Materials; Military Libraries; Museums, Arts and Humanities; Natural Resources; Newspaper; Nuclear Science; Petroleum; Pharmaceutical; Picture; Public Utilities; Publishing; Science-Technology; Social Science; Transportation. *Scientific and Technical Committees:* Consultation Service; Government Information Services; International Relations; Planning; Publisher Relations; Reprography; Research; Standards; Statistics; Library Education. *Relationship with Other Societies:* Member of the Council of National Library Associations, International Federation of Library Associations and the International Federation of Documentation; associate member of the American Federation of Information Processing Societies.

PURPOSE: To encourage and promote the utilization of knowledge through the collection, organization and dissemination of information.

MEMBERSHIP: Member (5,800), one of the following: (a) graduate degree in library or information science, (b) Bachelor's degree or higher degree and three or more years of professional experience in a special library, (c) seven years' experience in a special library, (d) university or college teacher of one or more disciplines related to special librarianship or information science, (e) Bachelor's degree or higher degree and administrative responsibility for one or more special divisions or subject areas in an academic or public library; Associate (300), degree from accredited university or college and position in a special library; Student (250), enrollment in recognized library school; Emeritus (150), membership for 20 years, 60 years of age; Sustaining (200), firm, organization or individual desiring to support the objectives and programs of the Association; Honorary, election.

MEMBERSHIP SERVICES: Consultation service; employment clearinghouse.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Research:* Salary surveys; use of automated equipment in libraries. *Educational:* Continuing education seminars; scholarships (usually three \$2,500 awards for each academic year). *Prizes and Awards:* Professional Award, specific major achievement in or contribution to the field of librarianship or information science which advances the objectives of the Association; Hall of Fame, distinguished service to the Association.

PUBLICATIONS: *Special Libraries*, monthly (bimonthly May-August), current volume: 62, \$20. Editor: Janet D. Shapiro. *Technical Book Review Index*, monthly (except July and August), current volume: 37, \$15. Editor: Albert F. Kamper. *Scientific Meetings*, quarterly, current volume: 15, \$15. Editor: Marian P. Holleman.

SPEECH ASSOCIATION OF AMERICA. See SPEECH COMMUNICATION ASSOCIATION.

501 SPEECH COMMUNICATION ASSOCIATION. Statler Hilton Hotel, New York, N.Y. 10001. (212) PE 6-6625. President: William S. Howell. Term expires December 1971. President-Elect: Theodore Clevenger, Jr. Executive Secretary: William Work. Term expires December 1973.

HISTORY AND ORGANIZATION: Originated in 1914 as the National Association of Academic Teachers of Public Address. Subsequent name changes were made as follows: 1923 to the National Association of Teachers of Speech; 1946 to the Speech Association of America; 1970 to the Speech Communication Association. Incorporated in Missouri 1950. Permanent headquarters were first established in New York City in 1963. *Geographic Divisions:* Nine. *Specialty Divisions:* Forensics; Instructional Development; Interpersonal and Small Group Interaction; Interpretation; Mass Communication; Public Address; Rhetorical and Communication Theory; Speech Sciences; Theatre. *Scientific and Technical Committees:* Information Retrieval, Research; Archives of Recorded Materials; Speech and Language Acquisition and Development. *Relationship with Other Societies:* Constituent of the American Council on Education; associated with the National Education Association.

PURPOSE: To promote study, criticism, research, teaching and application of the artistic, humanistic and scientific principles of communication.

MEMBERSHIP: Student (722); Regular (6,568); Sustaining (557). Open to anyone interested in, and willing to promote, the purposes of the organization.

MEMBERSHIP SERVICES: Placement service.

MEETINGS: Annual (November or December); Summer Conference (July).

PROFESSIONAL ACTIVITIES: *Research:* Development of a thesaurus of descriptors for the field. *Educational:* Short courses at annual meetings and summer conferences; developmental activities relating to graduate and undergraduate programs. *Prizes and Awards:* Golden Anniversary Prize Fund Awards, annual, for outstanding scholarship (\$1,000 book award, up to five \$100 monograph awards); James A. Winans Memorial Awards, up to \$500 annually for outstanding published scholarship in rhetoric and public address.

PUBLICATIONS: *Quarterly Journal of Speech*, quarterly, current volume: 57, \$15. Editor: Wayne Brockriede. *Speech Monographs*, quarterly, current volume: 38, \$15. Editor: Samuel L.

Becker. *Speech Teacher*, quarterly, current volume: 20, \$15. Editor: Frank E. X. Dance. *Spectra*, bimonthly. Editor: William Work. *Bibliographic Annual in Speech Communication*, annual. Editor: Ned A. Shearer.

STATE MEDICAL ASSOCIATION OF TEXAS. See TEXAS MEDICAL ASSOCIATION.

502 STATE MEDICAL SOCIETY OF WISCONSIN. 330 East Lakeside Street, Madison, Wis. 53715. (608) 257-6781. President: J. W. McRoberts. Term expires May 1971. President-Elect: G. A. Behnke. Secretary: Earl R. Thayer. Term indefinite. Treasurer: F. L. Weston. Term expires May 1971.

HISTORY AND ORGANIZATION: Created by Territorial Legislature in 1841. *Geographic Divisions:* Thirteen councilor districts and fifty-four county medical societies. *Specialty Divisions:* Wisconsin Allergy Society; Wisconsin Society of Anesthesiologists; Wisconsin Dermatological Society; Wisconsin Academy of General Practice; Wisconsin Society of Internal Medicine; Wisconsin Society of Obstetrics and Gynecology; Wisconsin Orthopedic Society; Wisconsin Otolaryngological Society; Wisconsin Society of Pathologists; Wisconsin Academy of Pediatrics; Wisconsin Society of Plastic Surgery; Wisconsin Psychiatric Association; Wisconsin Association of Public Health Physicians; Wisconsin Radiological Society; Wisconsin Surgical Society; Wisconsin Urological Society. *Scientific and Technical Committees:* Standing Committees on Cancer, Grievances, Scientific Medicine, Health Information, Public Policy, Hospital Relations and Medical Education; Advisory Committee to Woman's Auxiliary; Council Committees on Economic Medicine, Executive, Finance, Planning, Scientific Medicine, Medical Practice Art (Ad Hoc), Disaster Medical Care, Editorial Board, Medical Care Plans, Safe Transportation, State Departments, Health and Natural Resources, Medicine and Religion, Military Medical Service, Shortage of Physicians and Medical Student Liaison. *Relationship with Other Societies:* American Medical Association; County Medical Societies.

PURPOSE: To (1) federate and bring into one compact organization the entire medical profession of the State of Wisconsin, and to unite with similar societies of other states and territories of the United States to form the American Medical Association; (2) extend medical knowledge and advance medical science; (3) elevate the standard of medical education and secure the enactment and enforcement of just medical laws; (4) promote friendly intercourse among physicians; (5) enlighten and direct public opinion in regard to the great problems of state medicine, so that the profession shall become more capable and honorable within itself, and more useful to the public, in the prevention and cure of disease and in prolonging and adding comfort to life.

MEMBERSHIP: Regular (3,771), member of the component county medical societies, in good standing of the American Medical Association, certified to the headquarters of the Society; Associate (122), member in good standing of his county society who has retired completely from medical practice; Affiliate (64), member in good standing of his county society who cannot, through financial difficulties due to disability or membership in Peace Corps or a medical mission, pay dues; Life (58), member of his county and State Medical Societies in Wisconsin continuously for 50 consecutive years; Military (54), member inducted into active U.S. military service; Educational (11), physician engaged solely in educational and research activities; Career Appointment (24), member who

accepts a career appointment in the U.S. Army, Navy, Air Force, Public Health Service or Veterans Administration; Resident (118), in training as hospital resident or research fellow and licensed to practice medicine and surgery in Wisconsin; Honorary (10), conferred on the basis of long and distinguished service in the cause of medicine; Special Service (4), any physician in the U.S. Armed Forces who has been licensed to practice medicine and surgery in Wisconsin but has not previously been a member of any county medical society; Scientific Fellow, anyone engaged in teaching one or more basic sciences at an accredited college or university and not holding a degree of Doctor of Medicine.

MEMBERSHIP SERVICES: Health educational activities; voluntary health agency contacts; student loans; grievance services; Museum of Medical Progress and Stovall Hall of Health; executive office services; disability income protection; Wisconsin Work Week of Health; films on drug abuse; open panel program under workmen's compensation; postgraduate education programs; physician placement; medicolegal consultation; professional liability consultation; public relations; legislative representation; governmental agency contacts; medical economic advice.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Study on recognition of physician assistants; physician shortage studies; health care delivery pilot project. *Educational:* Annual meeting scientific program and postgraduate courses in depth on a variety of subjects; maternal mortality and neonatal institutes; industrial and rural health clinics. *Prizes and Awards:* Council Award, irregular, to such as have served with outstanding distinction the science of medicine, their fellow physicians, and the public; Presidential Citation, irregular, to a nonphysician who has made a significant contribution to medicine or public health; Gunnar Gundersen, M.D., Medallion, for outstanding scientific exhibit at annual meeting.

PUBLICATIONS: *Wisconsin Medical Journal*, monthly, current volume: 70, \$10. Editor: V. S. Falk.

STEEL TREATERS CLUB. See AMERICAN SOCIETY FOR METALS.

SULLIVANT MOSS CHAPTER OF THE AGASSIZ ASSOCIATION. See AMERICAN BRYOLOGICAL AND LICHENOLOGICAL SOCIETY, INC.

503 SURVIVAL AND FLIGHT EQUIPMENT ASSOCIATION. 7754 Densmore, Van Nuys, Calif. 91406. (213) 782-2875. President: K. M. Barnes. Term expires September 1971. President-Elect: E. R. Atkins. Secretary-Treasurer: Robert C. Snider. Term expires September 1971.

HISTORY AND ORGANIZATION: Originated 1957 at Edwards Air Force Base, California. Headquarters moved to Los Angeles in 1960. Assumed national proportions in 1962 upon formation of chapters in New York and other East Coast areas. Incorporated 1964 in California. *Geographic Divisions:* Eight.

PURPOSE: To promote the science of survival and the development of air safety through investigation and communication.

MEMBERSHIP: Member (500), participation or major interest in any of the disciplines concerned with the development and use of survival and flight equipment.

MEETINGS: Annual (Fall); Life Support Aerospace Management Conference (Spring).

PUBLICATIONS: *SAFE Engineering Journal*, quarterly. Editor: Robert Harrison.

504 TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY. 360 Lexington Avenue, New York, N.Y. 10017. (212) 682-8313. President: L. J. Gordon. Term expires March 1973. President-Elect: M. J. Osborne. Executive Secretary-Treasurer: Philip E. Nethercut.

HISTORY AND ORGANIZATION: Founded 1915 in New York, New York as the Technical Association of the Pulp and Paper Industry (TAPPI). *Geographic Divisions:* Nineteen sections; eight districts. *Specialty Divisions:* Coating and Graphic Arts; Corrugated Containers; Engineering; Paper and Board Manufacture; Paper Synthetics; Pulp Manufacture; Research and Development; Water and Air; Testing. *Scientific and Technical Committees:* Coating and Graphic Arts Division - Coating Binders, Coating Pigments, Coating Machinery, Finishing, Coated Product and Process Control, Sensitized Papers, Graphic Arts, Gravure, Letterpress, Packaging Printing, Papers for Specialized Imaging, Printing Evaluation, Sheet-Fed Offset, Surface Strength and Web Offset; Corrugated Containers Division - Engineering, Industrial Engineering, Process and Quality Control, Production and Printing; Engineering Division - Chemical Engineering, Corrosion, Drying, Electrical Engineering, Engineering Economics, Fluid Mechanics, Industrial Engineering, Maintenance Engineering, Mechanical Engineering, Operations Research, Process Systems and Control and Steam and Power; Paper and Board Manufacture Division - Fourdrinier, Multi-Ply Paperboard, Stock Preparation and Chemical Additives and Structural Fibrous Materials; Paper Synthetics Division - Extrusion Coating, Plastics, Plastics Laminates, Synthetic Fibers and Wet Strength and Inter-fiber Bonding; Pulp Manufacture Division - Alkaline Pulping, Chemical Products, Deinking, Dissolving Pulps, Mechanical Pulping, Pulp Bleaching and Sulfite Pulping; Research and Development Division - Forest Biology, Paper Physics, Microbiology, Statistics, Information Retrieval, Training and Education and Wood chemistry; Testing Division - Chemical Methods, Microscopy, Optical Methods, Physical Methods, Precision and Sampling, Adhesives Testing, Fillers and Pigments Testing, Fibrous Raw Materials Testing, Pulping and Paper-making Chemicals Testing, Wax Testing, Pulp Testing, Packaging Materials Testing, Paperboard Testing, Fiberboard Shipping Container Testing, Optical Character Recognition Testing, Paper Testing, Paper Shipping Sack Testing and Release Paper Testing; Water and Air Division - Supply and Treatment, Process and Disposal and Air.

PURPOSE: To (1) further the application of the sciences in the pulp and paper industry; (2) promote investigation, research and interchange of ideas among its members in the field of pulp and paper manufacture and use; (3) promote education in the science and practice of pulp and paper manufacture; (4) arrange for the collection and dissemination of information relating to the pulp and paper industry and for the presentation, discussion and publication of papers, and other contributions; (5) provide technical facts, data and standards fundamental to pulp and paper manufacture and use; (6) promote the professional, social and economic welfare of its members.

MEMBERSHIP: Member (7,284), technical training, engaged in work of a technical character in industry, institution or service related to the pulp and paper industry for at least ten years, including term of technical instruction in a recognized educational institution, and position of responsibility for at least three years; Associate (4,574), engaged in the pulp and paper industry or in related industry or institution for at least five years, including term of technical instruction in a recognized educational institution, and responsible position for at least

one year; Affiliate (377), person interested in the objectives of the Association and either unqualified or not desiring to become a Member or Associate; Student (179), full-time student and candidate for a degree at a recognized school, or person under 24 years of age who is qualified to hold a subordinate position of a technical nature in the pulp and paper industry; Sustaining (510), corporation, firm or institution (a) actively engaged in the manufacture or conversion of pulp, paper and paperboard, or supplying raw materials, equipment or services of a technical nature to manufacturers of pulp, paper and paperboard, and (b) endorsing the policies of the Association.

MEMBERSHIP SERVICES: Charter flights; assistance in finding employment; book order department; clearinghouse for technical inquiries.

MEETINGS: Annual (February or March); thematic conferences on selected aspects of technology (10-12 annually).

PROFESSIONAL ACTIVITIES: *Educational:* Short courses; seminars; technical workshops; home study courses; grants to selected schools. *Prizes and Awards:* TAPPI Medal, annual, contributions to technical progress of pulp and paper industry; TAPPI Fellow, annual, meritorious service to industry or the Association; Division Award, annual, technical contributions in Division's area of interest.

PUBLICATIONS: *Tappi*, monthly, current volume: 54. Editor: Bengt Leopold. *Intercom*, bimonthly, current volume: January-February 1971. Editor: M. Kouris. *Annual Bibliography of Papermaking and Patents*, annual, current volume: 1969. Editor: Jack Weiner. *TAPPI Monographs*, irregular, current volume: 32. *Special Technical Association Publications*, irregular, current volume: 7.

TECHNICAL PUBLISHING SOCIETY. See SOCIETY FOR TECHNICAL COMMUNICATION.

505 TENNESSEE ACADEMY OF SCIENCE, INC. Department of Botany, University of Tennessee, Knoxville, Tenn. 37916. (615) 974-2256. President: Richard J. Raridon. Term expires December 1971. President-Elect: Arthur W. Jones. Secretary: James D. Caponetti. Term expires December 1971 but subject to reelection. Treasurer: Robert L. Wilson. Term expires December 1971 but subject to reelection.

HISTORY AND ORGANIZATION: Founded 1912 at Vanderbilt University, Nashville, Tennessee. Founded and organized the Tennessee Junior Academy of Science in 1942. Incorporated 1968 in Tennessee. *Specialty Divisions:* Collegiate; Visiting Scientists Program. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science; sponsor of the Tennessee Junior Academy of Science.

PURPOSE: To (1) promote scientific research and the diffusion of knowledge concerning science; (2) secure communication between persons engaged in scientific work, especially in Tennessee; (3) assist by investigation and discussion in developing and making known the material, educational, and other resources and riches of the state; (4) arrange and prepare for publication such reports of investigations and discussions as may further the aims and objects of the Academy.

MEMBERSHIP: Individual, anyone in sympathy with the purposes of the Academy; Student, registered high school and college students; Fellow, members engaged in scientific work and active participation in the affairs of the Academy; Honorary, persons who have made outstanding contributions to science in Tennessee; Life; Sustaining; Supporting; Patron. Total membership 886.

MEETINGS: Annual (November).

PROFESSIONAL ACTIVITIES: *Research:* Projects supported by a grant from the American Association for the Advancement of Science, including: 1) effect of citrus oils as antibacterial agents on *Escherichia coli*, 2) the use of a freon external engine for reducing air pollution, 3) the effect of the mixing of gases upon intermolecular forces, 4) marine systems and ecosystems, the terminal cycle, and 5) a qualitative analysis of the Tennessee River in the New Johnsonville area. Other areas of research activity include a history of the Tennessee Academy of Science and operation and development of the Reelfoot Lake Biological Station. *Educational:* Sponsorship of Collegiate Division, Visiting Scientists Program and Junior Academy of Science.

PUBLICATIONS: *Journal of the Tennessee Academy of Science*, quarterly, current volume: 46, \$5. Editor: Gus Tomlinson. *Tennessee Junior Academy of Science Handbook and Transactions*, annual, free to members. Editor: John H. Bailey.

506 TENNESSEE ARCHAEOLOGICAL SOCIETY. University of Tennessee, Knoxville, Tenn. 37916. (615) 974-2144. President: James R. Powers. Term expires October 1971. President-Elect: Majorie E. Collier. Secretary-Treasurer: Alfred K. Guthe. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1944 in Knoxville, Tennessee. Incorporated in Tennessee. *Geographic Divisions:* Ten. *Scientific and Technical Committees:* Preservation of Sites. *Relationship with Other Societies:* Member of the Eastern States Archaeological Federation.

PURPOSE: To (1) foster an active interest in the discovery, recording and preservation of archaeological remains and data in harmony with scientific method; (2) charter local chapters of the Society for the same purpose.

MEMBERSHIP: Senior (553), 18 years of age or older; Junior (16); Family (8), adults of a family; Institutional (67); Contributing (45); Sustaining; Patron. Open to those with professional or nonprofessional interest in Tennessee archaeology.

MEMBERSHIP SERVICES: Identification of material; correspondence on techniques, methods and concepts.

MEETINGS: Annual (October).

PUBLICATIONS: *Tennessee Archaeologist*, semiannual, current volume: 26, \$3. Editor: Alfred K. Guthe. *Newsletter*, bi-monthly, current volume: 16, free to members. Editor: James R. Powers.

507 TENNESSEE PSYCHOLOGICAL ASSOCIATION, INC. Address communications to: Jaswant Khanna, Secretary-Treasurer, 42 North Dunlap Street, Memphis, Tennessee. 38103. (901) 527-5431. President: Milton C. Addington. President-Elect: E. Ohmer Milton. Secretary-Treasurer: Jaswant Khanna. Term expires October 1971.

HISTORY AND ORGANIZATION: Founded 1948. Incorporated 1950 in Tennessee. *Relationship with Other Societies:* Affiliated with the American Psychological Association and the Tennessee Academy of Science.

PURPOSE: To advance psychology as a science, as a profession, and as a means of promoting human welfare.

MEMBERSHIP: Member (237), two years graduate school or Master's degree, Tennessee resident; Associate (26), graduate student or in related sciences and professions.

PUBLICATIONS: *Tennessee Psychologist*, semiannual. Editor: Carol E. Izard.

508 TEXAS ACADEMY OF SCIENCE. *Address communications to:* P.O. Box 9285, Angelo Station, San Angelo, Tex. 76901. (915) 944-1717. President: Bob H. Slaughter. Term expires March 1971. President-Elect: James D. Long. Secretary-Treasurer: Edgar N. Drake, III. Term expires March 1973.

HISTORY AND ORGANIZATION: Charter granted November 12, 1929. *Specialty Divisions:* Mathematics; Physical Sciences; Earth Sciences; Biological Sciences; Social Sciences; Environmental Sciences; Chemical Sciences. *Scientific and Technical Committees:* Conservation; Board of Science Education. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science. The Texas sections of the American Association of Physics Teachers and the National Association of Geology Teachers are affiliated societies of the Academy. The Academy sponsors the Texas Junior Academy and the Texas Collegiate Academy.

PURPOSE: To (1) stimulate scientific research; (2) promote fraternal relationship among, and the general welfare of, those engaged in scientific work, especially in Texas; (3) promote science interest and education at all levels; (4) diffuse among the citizens of the State a knowledge of the various science disciplines; (5) investigate and report on any subject of science, or industry, when called upon by any department of the State government; (6) publish reports of investigations and discussions conducted by Academy members.

MEMBERSHIP: Regular (687), elected by 2/3 majority at regular meeting of Academy, interested or engaged in scientific work; Associate (41), in-residence students enrolled in a graduate program at recognized degree-granting institutions; Sustaining; Life (35); Fellow (338), member in good standing for two years, publication of merit in the Academy's permanent file, sponsorship by two members; Patron; Corporation (1), Corporation Life Member; Honorary Life Fellow (73), the Academy's president, secretary-treasurer and editor upon leaving office, or any scientist resident in Texas who has rendered the Academy distinguished service of scientific or administrative nature; Honorary, rendering distinguished service to the Academy or to science.

MEETINGS: Annual (March).

PROFESSIONAL ACTIVITIES: *Educational:* Promotes the organization and operation of science clubs in public and private schools, colleges and universities.

PUBLICATIONS: *Texas Journal of Science*, quarterly, current volume: 23, \$9 (regular), \$5 (student). Editor: Gerald G. Raun. *Texas Academy of Science Newsletter*, triannual, current volume: 9, free to journal subscribers.

509 TEXAS MEDICAL ASSOCIATION. 1801 North Lamar Boulevard, Austin, Tex. 78701. (512) 477-6704. President: Walter Walthall. Term expires May 1971. President-Elect: James H. Sammons. Secretary: Bryon P. York. Term expires May 1971. Treasurer: Howard O. Smith. Executive Secretary: C. Lincoln Williston.

HISTORY AND ORGANIZATION: Founded June 16, 1853 in Austin, Texas as the Texas Medical Association. Reorganized in 1869 as the Texas State Medical Association. Reorganized in 1901 under new charter as the State Medical Association of Texas. In 1951 name changed to Texas Medical Association. *Geographic Divisions:* Fifteen councilor districts; 116 county medical societies. *Specialty Divisions:* Digestive Diseases; General Practice; Internal Medicine; Nervous and Mental Diseases; Obstetrics and Gynecology; Ophthalmology; Otolaryngology; Pathology; Pediatrics; Physical Medicine and

Rehabilitation; Public Health; Radiology; Surgery. *Scientific and Technical Committees:* Councils on Medical Education and Hospitals, Medical Jurisprudence, Medical Service and Insurance, Public Relations and Public Service, Scientific Advancement; Committees on Health Careers, Liaison with Medical Schools, Hospital Accreditation, Nursing Homes, Nursing, Continuing Education, Military and Veterans Affairs, Government Health Programs, Health Planning, Aging, Disaster Medical Care, Medicine and Religion, Transportation Safety, Public Health, Rural Health, School Health, Athletics, Cancer Cardiovascular Diseases, Maternal Health, Mental Health and Mental Retardation, Nuclear Medicine, Nutrition, Rehabilitation, Tuberculosis and Chronic Respiratory Diseases, Abortion Laws in Texas, Medical Care Needs of Children and Private Practice. *Relationship with Other Societies:* Affiliated with the American Medical Association.

PURPOSE: To (1) federate and bring into one compact organization the entire medical profession of the State of Texas and unite with similar associations of other states to form the American Medical Association; (2) extend medical knowledge and advance medical science; (3) elevate the standard of medical education and secure the enactment and enforcement of just medical laws; (4) promote friendly intercourse among physicians; (5) guard and foster the material interests of its members and protect them against imposition; (6) enlighten and direct public opinion in regard to the great problems of medicine in Texas so that the profession shall become more capable and honorable within itself and more useful to the public in the prevention and cure of disease, and in prolonging and adding comfort to life.

MEMBERSHIP: Regular, must have a Texas license; Emeritus, must have rendered exceptional and distinguished service to scientific or organized medicine or both; Resident, must be serving an internship or residency in Texas; Military, must be serving the military services in Texas; Inactive, must be retired; Honorary, must have been member for 40 years or have contributed notably to the advance of ethical medicine; Leave of Absence, must be serving an out-of-state internship or residency, or serving as a missionary outside the U.S., or temporarily in armed services outside of Texas, or a temporary civilian service outside the U.S., or on sick leave.

MEMBERSHIP SERVICES: Keogh Retirement Plan; library service.

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Educational:* Harriet Cunningham Fellowship; S. E. Thompson Scholarship Program; committee sponsored programs at annual session; memorial library. *Prizes and Awards:* Anson Jones Awards, annual, cash prizes, to Texas newspapers, magazines, radio and television stations for excellence in communicating health information to the public; Distinguished Service Award, to Association members; Texas Medicine Award.

PUBLICATIONS: *Texas Medicine*, monthly, current volume: 67, \$3 (members and medical students), \$5 (libraries), \$6 (non-members), \$8 (foreign). Editor: Marilyn Baker.

TEXAS STATE MEDICAL ASSOCIATION. See TEXAS MEDICAL ASSOCIATION.

510 TISSUE CULTURE ASSOCIATION, INC. *Address communications to:* Raymond H. Kahn, Secretary, University of Michigan, Department of Anatomy, Ann Arbor, Mich. 48104. (313) 764-4355. President: Sergey Fedoroff. Secretary:

Raymond H. Kahn. Term expires July 1972. Treasurer: Paul F. Kruse, Jr.

HISTORY AND ORGANIZATION: Founded in 1946 as the Tissue Culture Club. Present name adopted 1950. Incorporated 1964 in Washington, D.C. *Geographic Divisions:* Two. *Specialty Divisions:* Plant; Nerve Group; Insect Group; Honor B. Fell Group. *Scientific and Technical Committees:* Program; Educational; Film Collection; Publications; Editorial; Terminology; Sera; Materials and Supplies; Contaminations; Chemically Defined Media; Archives.

PURPOSE: To (1) promote scientific knowledge concerning the growth, maintenance and experimental use of tissue cells *in vitro* and related subjects through scientific meetings, symposia, discussions, reports and publications; (2) stimulate scientific investigations and their applications; (3) plan, organize and administer projects for the advancement of knowledge in this field; (4) improve professional qualifications.

MEMBERSHIP: Regular, Bachelor's degree from a recognized college or university or training and experience equivalent to a Bachelor's degree; Student, enrolled as a full-time student.

MEMBERSHIP SERVICES: Advice of Committees on standards on current practices and standards in the field of tissue culture; discounts on registration fees at Association meetings and on certain publications; opportunities to submit technical papers for presentation at the annual meeting and publication in *In Vitro*; educational services including lectures, special symposia and services of the W. Alton Jones Cell Science Center; film library.

MEETINGS: Annual (June).

PROFESSIONAL ACTIVITIES: *Educational:* W. Alton Jones Cell Science Center. *Prizes and Awards:* Wilton Earle Award. *PUBLICATIONS:* *In Vitro*, bimonthly, current volume: 4, \$20. Editor: Charity Waymouth.

TISSUE CULTURE CLUB. See **TISSUE CULTURE ASSOCIATION, INC.**

511 THE TORREY BOTANICAL CLUB. *Address communications to:* Annette Hervey, Corresponding Secretary, The New York Botanical Garden, Bronx, N.Y. 10458. (212) 933-9400. President: Herman F. Becker. Term expires January 1972. Corresponding Secretary: Annette Hervey. Term indefinite. Recording Secretary: Mathilde Weingartner. Term indefinite. Treasurer: Grace A. Dietz. Term indefinite.

HISTORY AND ORGANIZATION: Began informally in the 1860's. First named in 1870 and incorporated in 1873. *Relationship with Other Societies:* Representative on the Council of the American Association for the Advancement of Science; member of the Board of Managers of the New York Botanical Garden.

PURPOSE: To (1) promote interest in botany; (2) collect and disseminate information on all phases of plant science.

MEMBERSHIP: Annual (411); Student (46); Associate (227); Sustaining (3); Life (54). Open to all those interested in any phase of botanical activity.

MEMBERSHIP SERVICES: Field trips; lectures.

MEETINGS: Twice monthly (October through May); Annual (January); weekly field trips.

PUBLICATIONS: *Bulletin of the Torrey Botanical Club*, six issues per year, current volume: 98, \$12. Editor: Gily Bard. *Memoirs*, irregular, current volume: 22. Editor: Theodore Delavoyas. *Torreya*, six issues per year. Editor: Calvin Heusser.

512 TREE-RING SOCIETY. Laboratory of Tree-Ring Research, University of Arizona, Tucson, Ariz. 85721. (602) 884-2191. President: John C. McGregor. Term indefinite. Secretary-Treasurer: C. W. Ferguson. Term indefinite.

HISTORY: Founded 1934 in Flagstaff, Arizona.

PURPOSE: To (1) discuss problems in dendrochronology and dendroclimatology; (2) publish original papers.

MEMBERSHIP: Individual (97), interest in dendrochronology and/or dendroclimatology; Institutional (177). Membership includes individuals and institutions from U.S. and other countries.

MEETINGS: Irregular.

PUBLICATIONS: *Tree-Ring Bulletin*, annual, current volume: 30, \$3. Editor: William J. Robinson.

THE TRILOGICAL SOCIETY. See **THE AMERICAN LARYNGOLOGICAL, RHINOLOGICAL AND OTOLOGICAL SOCIETY, INC.**

TRI-STATE DENTAL ASSOCIATION. See **NATIONAL DENTAL ASSOCIATION.**

UNITED ASSOCIATION OF CASUALTY INSPECTORS. See **AMERICAN SOCIETY OF SAFETY ENGINEERS.**

UNITED STATES VETERINARY MEDICAL ASSOCIATION. See **AMERICAN VETERINARY MEDICAL ASSOCIATION.**

513 UNIVERSITIES ASSOCIATED FOR RESEARCH AND EDUCATION IN PATHOLOGY, INC. 9650 Rockville Pike, Bethesda, Md. 20014. President: Robert W. Wisler. Term indefinite. Secretary-Treasurer: John R. Carter. Term indefinite. Executive Officer: Ralph E. Knutti.

HISTORY AND ORGANIZATION: Founded and incorporated 1964. *Scientific and Technical Committees:* Advisory Committees on Atlas of Tumor Pathology, Tissue Reactions to Drugs, Comparative Pathology, Teaching Units, Resource Development and Systems Research. *Relationship with Other Societies:* Association consists of the University of North Carolina, Duke University, University of Chicago, University of Kansas, University of Maryland, Yale University, Western Reserve University, University of Rochester, and the University of California.

PURPOSE: To encourage and facilitate cooperation among the universities and other scientific institutions in research and education in pathology and related fields.

MEMBERSHIP: Universities having medical schools with pathology departments interested in collaborative teaching and research programs. Total membership nine.

MEETINGS: Annual, quarterly.

514 UTAH ACADEMY OF SCIENCES, ARTS AND LETTERS. *Address communications to:* Kenneth T. Slack, Secretary-Treasurer, Marriott Library, University of Utah, Salt Lake City, Utah 84112. (801) 322-6587. President: Walter R. Buss. Term expires April 1971. President-Elect: Lane A. Compton. Secretary-Treasurer: Kenneth T. Slack. Term expires April 1975.

HISTORY AND ORGANIZATION: Originated April 4, 1908 as the Utah Academy of Sciences. Name changed to present title in 1933. Incorporated April 1959. *Specialty Divisions:* Biological Sciences; Physical Sciences; Social Sciences; Arts; Letters; Junior Academy.

PURPOSE: To promote investigation and diffuse knowledge in all branches of science.

MEMBERSHIP: Open to those interested in the aims of the Academy. Total membership 750.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Research:* Plans to offer consulting service to state and local government agencies. *Educational:* Science, Language and Mathematics Fairs. *Prizes and Awards:* Charles Redd Award, \$1,500, alternate years, distinguished service in one of the specialty divisions; Academy Proceedings Award, \$500, annual, best paper in *Proceedings*; Willard Gardner Prize in Natural Sciences, \$1,500, alternate years; Meritorious High School Teaching Awards; Distinguished Service Awards; small grants to high school students for science fair projects.

PUBLICATIONS: *Proceedings:* semiannual, current volume: 46, \$4. Editor: Ted Wilde. *Newsletter:* semiannual, for members only. Editor: Kenneth T. Slack.

515 VIRGINIA ACADEMY OF SCIENCE. P.O. Box 8454, Richmond, Va. 23226. (703) 282-9581. President: Maurice B. Rowe. Term expires May 1971. President-Elect: Edward F. Turner, Jr. Secretary: Franklin F. Flint. Term expires May 1971. Treasurer: Austin E. Grigg. Term expires May 1971. Executive Secretary-Treasurer: Blanton M. Bruner. Term expires July 1974.

HISTORY AND ORGANIZATION: In November 1920 a number of Virginia biologists met in Richmond, Virginia and formed the Association of Virginia Biologists. Later the association expanded to include all branches of science, and the Virginia Academy of Science was formally organized at Williamsburg, Virginia in May 1923. Incorporated 1927 in the State of Virginia. *Specialty Divisions:* Agricultural Sciences; Astronomy, Mathematics and Physics; Microbiology; Biology; Chemistry; Materials Sciences; Engineering; Geology; Medical Sciences; Psychology; Science Teachers; Statistics; Space Science and Technology; Botany. *Scientific and Technical Committees:* Research; Junior Academy of Science; Virginia Flora; Science Talent Search; Publications; Ad Hoc Committees on Museum of Science and on Conservation and Natural Resources. *Relationship with Other Societies:* Affiliated with the American Association for the Advancement of Science and the Southern Association of Science and Industry; operates and controls the Junior Academy of Science.

PURPOSE: To (1) establish and maintain in Virginia for scientific and educational purposes an association of persons and organizations interested in science and scientific research in all of its branches; (2) solicit financial and other support; (3) cooperate with educational institutions, industries, and state agencies in fostering an interest in scientific matters, in promoting scientific investigations and in spreading knowledge of the sciences; (4) provide a forum for the presentation and discussion of papers on scientific subjects and facilities for their publication; (5) provide opportunities for cooperation and fellowship among its members; (6) promote the civic, agricultural, academic, industrial and commercial welfare of the people of Virginia.

MEMBERSHIP: Patron (1); Life (9); Honorary Life (1); Business (31); Sustaining (60); Contributing (152); Regular (1,344); Student (68).

MEETINGS: Annual (May).

PROFESSIONAL ACTIVITIES: *Research:* Research grants to high school students of Virginia for science projects; research grants (usually \$500 or less) to members; listing and classification of Virginia flora; continuing series of articles on the Dismal Swamp (birds, soil, waters, forests, etc.); promotion of

Virginia Museum of Science; study of conservation and natural resources. *Educational:* Annual paper presentation for high school students by Virginia Junior Academy of Science, certificates and monetary awards for best presentations; science talent search for high school students, scholarships for winners. *Prizes and Awards:* Ivey F. Lewis Distinguished Service Award, irregular, significant contributions to the activities of the Academy; Fellows, outstanding research, inspirational teaching or significant Academy leadership; J. Shelton Horsley Research Paper, \$500, best research paper by a member.

PUBLICATIONS: *Virginia Journal of Science*, quarterly, current volume: 22, \$8. Editor: Lynn D. Abbott, Jr. *Junior Science Bulletin*, semiannual, current volume: 20, free to members. Editor: Debbie Meloy. *Virginia Junior Academy of Science Proceedings*, annual, current volume: 9, free to members. Editor: Mary B. Hayes.

VOCATIONAL ASSOCIATION OF THE MIDDLE WEST. See AMERICAN VOCATIONAL ASSOCIATION.

516 WASHINGTON ACADEMY OF SCIENCES. 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-1402. President: Alphonse F. Forziati. Term expires May 1971. President-Elect: Mary Louise Robbins. Secretary: Grover C. Sherlin. Term expires May 1972. Treasurer: John Honig. Term expires May 1972. Office Manager: Elizabeth Ostaggi.

HISTORY AND ORGANIZATION: Founded and incorporated February 18, 1898 in the District of Columbia. *Relationship with Other Societies:* Affiliates - Philosophical Society of Washington; Anthropological Society of Washington; Biological Society of Washington; Chemical Society of Washington; Entomological Society of Washington; National Geographic Society; Geological Society of Washington; Medical Society of the District of Columbia; Columbia Historical Society; Botanical Society of Washington; Society of American Foresters, Washington Section; Washington Society of Engineers; Institute of Electrical and Electronics Engineers, Washington Section; American Society of Mechanical Engineers, Washington Section; Helminthological Society of Washington; American Society for Microbiology, Washington Branch; Society of American Military Engineers, Washington Post; American Society of Civil Engineers, National Capital Section; Society for Experimental Biology and Medicine, D.C. Section; American Society for Metals, Washington Chapter; International Association for Dental Research, Washington Section; American Institute of Aeronautics and Astronautics, Washington Section; American Meteorological Society, D.C. Branch; Insecticide Society of Washington; Acoustical Society of America, Washington Chapter; American Nuclear Society, Washington Section; Institute of Food Technologists, Washington Section; American Ceramic Society, Baltimore-Washington Section; Electrochemical Society, Washington-Baltimore Section; Washington History of Science Club; American Association of Physics Teachers, Chesapeake Section; Optical Society of America, National Capital Section; American Society of Plant Physiologists, Washington Section; Washington Operations Research Council; Instrument Society of America, Washington Section; American Institute of Mining, Metallurgical, and Petroleum Engineers; National Capital Astronomers. Sponsors the Washington Junior Academy of Science.

PURPOSE: To (1) stimulate interest in the sciences, both pure and applied; (2) promote their advancement and the development of their philosophical aspects by the Academy

membership and through cooperative action by the affiliated societies.

MEMBERSHIP: Members, persons interested in the objectives of the Academy; Fellows, persons elected by reason of original research or other outstanding service to the sciences, mathematics or engineering.

MEMBERSHIP SERVICES: Some office services are provided to affiliated societies.

MEETINGS: Monthly (October to May).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Scientific Achievement Awards, annual, in the biological sciences, physical sciences, mathematics, engineering sciences and teaching of science.

PUBLICATIONS: *Journal of the Washington Academy of Sciences*, quarterly, current volume: 61, \$8. Editor: Richard H. Foote.

517 WASHINGTON STATE PSYCHOLOGICAL ASSOCIATION.

Address communications to: Francis A. Young, Executive Secretary, P.O. Box 2006, College Station, Pullman, Wash. 99163. (509) 335-4341. President: Hayden L. Mees. Term expires June 1971. President-Elect: Nathaniel N. Wagner. Executive Secretary: Francis A. Young. Term indefinite.

HISTORY AND ORGANIZATION: Founded 1947. Incorporated in 1963 in Washington. *Geographic Divisions:* Four. *Specialty Divisions:* School Psychology. *Relationship with Other Societies:* Affiliated with the American Psychological Association.

PURPOSE: To (1) advance psychology as a science, as a profession and as a means of promoting human welfare; (2) foster and maintain high standards of practice in the field of psychology; (3) cooperate with other agencies and state organizations on problems of common concern.

MEMBERSHIP: Member (400), Fellow, Member or Associate status in the American Psychological Association, or Ph.D. based in part upon a dissertation in psychology or related fields and conferred by a graduate school of recognized standing and a present occupation involving work or study that is primarily psychological in nature, or two years of graduate work in psychology at a recognized graduate school and a present occupation involving work or graduate study that is primarily psychological in character, or a Master's degree in psychology from a recognized graduate school plus one year of professional work in psychology and a present occupation involving work or graduate study that is primarily psychological in nature; Affiliate (30), a Bachelor's degree with a major in psychology or in related fields, and a present position involving employment or graduate study primarily psychological in nature, in which the candidate shall have demonstrated satisfactory professional competence.

MEETINGS: Semiannual (Spring and Fall).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Distinguished Psychologist Award, annual, outstanding contribution to science, profession, and/or practice of psychology while a resident of Washington State.

PUBLICATIONS: *W.S.P.A. Newsletter*, triannual, current volume: 20. Editor: William A. Cass.

518 WATER POLLUTION CONTROL FEDERATION.

3900 Wisconsin Avenue, Washington, D.C. 20016. (202) 362-4100. President: Arthur F. Vondrick. Term expires October 1971. President-Elect: Joseph F. Lagnese, Jr. Executive Secretary: Robert A. Canham. Term indefinite.

HISTORY AND ORGANIZATION: Founded in October 1928 as the Federation of Sewage and Industrial Wastes Association.

Incorporated February 1941. Name changed to present title January 1, 1960. *Geographic Divisions:* Fifty-eight. *Scientific and Technical Committees:* Technical Practice; Research; Industrial Waste; Standard Methods; Government Affairs. *Relationship with Other Societies:* Federation is comprised of 58 autonomous regional, state and non U.S. member associations.

PURPOSE: To (1) advance fundamental and practical knowledge concerning water pollution control through the proper collection and treatment of domestic and industrial wastewaters; (2) correlate regional and state wastewater associations; (3) publish a journal.

MEMBERSHIP: Active (5,950), activity or interest in water pollution control; Associate (181); Honorary (31); Corporate (411); Consultant (220); Others (1,021).

MEETINGS: Annual (October).

PROFESSIONAL ACTIVITIES: *Research:* Continuous member survey; safety surveys. *Educational:* Operator training courses; safety seminars. *Prizes and Awards:* Eddy Medal for Research, outstanding scientific and technical contributions to the Federation's journal; Morgan Medal, operation advancements; Rudolfs Medal, work in industrial water pollution control published in the Federation's journal; Emerson Medal, organizational work in the Federation; Camp Medal; engineering design advancements; Gascoigne Medal, operations work published in the Federation's journal; Orchard Medal, service to the field; Schlenz Medal, service by a nonmember; Fair Medal, sanitary engineering teaching; Safety Award; Advertising Award; Bedell Award, technical or organizational aid to a member association; Hatfield Award, superior operation of wastewater treatment facilities; approximately 40 other annual certificate awards.

PUBLICATIONS: *Journal Water Pollution Control Federation*, monthly, current volume: 43, \$15 (members), \$30 (nonmembers), \$33 (foreign). *Highlights*, monthly, current volume: 8, \$2. *Deeds and Data*, monthly, \$4. Editor of Publications: Bob G. Rogers.

WEATHER CONTROL RESEARCH ASSOCIATION. See WEATHER MODIFICATION ASSOCIATION.

519 WEATHER MODIFICATION ASSOCIATION. P.O. Box 125, Altadena, Calif. 91001. President: Hoyt Hart. Term expires February 1972. President-Elect: Keith Brown.

HISTORY AND ORGANIZATION: Founded April 1951 in Pasadena, California. Original name, Weather Control Research Association, changed to Weather Modification Association on March 17, 1967. *Scientific and Technical Committees:* Weather Modification Legislation; Weather Modification Insurance.

PURPOSE: To (1) assist in the development of weather modification by activities associated with weather modification; (2) promote research and engineering advancements; (3) ascertain, disseminate and publish information on new developments and trends; (4) encourage and promote the highest standards for professional conduct, (5) increase public understanding of the aims of those working in the various fields of weather modification; (6) assist in arranging liability insurance upon application from members performing field operations or experiments; (7) certify individual members qualified to execute field experiments or operations in weather modification.

MEMBERSHIP: Member (80), anyone subscribing to the purposes of the Association; Associate Corporation (10), any organization with an interest in, but with no current program

in, weather modification, subscribing to the purposes of the Association; Corporation (10), any organization with active programs in weather modification, subscribing to the purposes of the Association; Honorary (4), open to former members who have made an outstanding contribution to any phase of weather modification.

MEMBERSHIP SERVICES: Certification of individuals qualified to direct field experiments or operations in weather modification.

MEETINGS: Semiannual (February and September).

PROFESSIONAL ACTIVITIES: *Research:* Study of federal and state legislation pertaining to weather modification; study of insurance needs and availability for weather modification operators; study of weather modification equipment standards.

PUBLICATIONS: *Journal of Weather Modification*, annual, current volume: 3, \$9 (nonmembers). Editor: Thomas J. Henderson. *Weather Modification Association Newsletter*, semiannual, free to members.

520 WEED SCIENCE SOCIETY OF AMERICA. 2025 Burlison Drive, Urbana, Ill. 61801. (217) 344-5208. President: D. L. Klingman. Term expires February 1972. President-Elect: R. P. Upchurch. Secretary: P. W. Santelman. Term expires February 1972. Business Manager: F. W. Slife. Term indefinite.

HISTORY: Organized in 1953 as the Association of Regional Weed Conferences. In 1960 named changed to Weed Society of America. In 1963 present name adopted. Incorporated 1970 in Illinois.

PURPOSE: To (1) publish a scientific journal on weed science; (2) hold an annual meeting; (3) distribute information on all aspects of weed science—teaching, extension, research; (4) encourage membership and communication with those interested in weed science in any nation.

MEMBERSHIP: Member (1,400), open to any individual; Subscriber (1,100), open to libraries, companies, organizations; Sustaining (57), open to anyone.

MEETINGS: Annual (February).

PROFESSIONAL ACTIVITIES: *Prizes and Awards:* Outstanding journal article on weed science, annual; Outstanding Teacher Award, annual; Outstanding Extension Worker Award, annual.

PUBLICATIONS: *Weed Science*, six issues per year, current volume: 19, \$20. Editor: E. G. Rodgers. *Herbicide Handbook*, triennial, current volume: 2, \$4.

WEED SOCIETY OF AMERICA. See WEED SCIENCE SOCIETY OF AMERICA.

WESTERN ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS. See WESTERN SURGICAL ASSOCIATION.

WESTERN OPHTHALMOLOGICAL, OTOLARYNGOLOGICAL AND RHINOLOGICAL ASSOCIATION. See AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY.

WESTERN OPHTHALMOLOGIC AND OTOLARYNGOLOGIC ASSOCIATION. See AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY.

WESTERN SURGICAL AND GYNECOLOGICAL ASSOCIATION. See WESTERN SURGICAL ASSOCIATION.

521 WESTERN SURGICAL ASSOCIATION. *Address communications to:* William P. Mikkelsen, Secretary, 1127 Wilshire Boulevard, Los Angeles, Calif. 90017. (213) 481-7471. President: Raleigh R. White, III. Term expires November 1971. Secretary: William P. Mikkelsen. Term expires November 1975. Treasurer: Darrell A. Campbell. Term indefinite.

HISTORY: First founded as the Western Association of Obstetricians and Gynecologists on December 29, 1891 at the Copeland Hotel in Topeka, Kansas. In 1895 the name was changed to the Western Surgical and Gynecological Association. In 1909 the present name was adopted. *Relationship with Other Societies:* Supplies a member to the American Board of Surgery and a governor to the American College of Surgeons.

PURPOSE: To (1) cultivate, promote and diffuse knowledge of the art and science of surgery; (2) sponsor and maintain the highest standards of practice.

MEMBERSHIP: Active (283), graduates of Class A medical colleges, with established reputations as practitioners, authors, teachers or original investigators, certified by the appropriate American Board and holders of fellowship in the American College of Surgeons; Senior (198), age 60 years or Active members for 20 years; Honorary (1), individuals of scientific eminence.

MEETINGS: Annual (November).

PUBLICATIONS: *Transactions of the Western Surgical Association*, annual. Editor: Bernard T. Daniels.

522 WEST VIRGINIA ACADEMY OF SCIENCE. *Address communications to:* Elizabeth D. Swiger, Secretary, Fairmont State College, Fairmont, W.Va. 26554. (304) 363-4000. President: Peter Popovich. Term expires April 1971. President-Elect: Earl L. Core. Secretary: Elizabeth D. Swiger. Term indefinite. Treasurer: Joseph Glencoe. Term indefinite.

HISTORY AND ORGANIZATION: Founded November 28, 1924 in Morgantown, West Virginia. Incorporated under the Code of West Virginia on May 9, 1959. *Specialty Divisions:* Biology; Chemistry; Engineering Science; Geology and Mining; History and Philosophy of Science; Mathematics and Physics; Psychology and Education; Social Science. *Relationship with Other Societies:* Affiliate of the American Association for the Advancement of Science (AAAS). West Virginia Science Teachers' Association is an affiliated society of the Academy. Academy sponsors the West Virginia Junior Academy of Science and the West Virginia Collegiate Academy of Science (presently inactive).

PURPOSE: To (1) advance scientific knowledge; (2) promote scientific work in West Virginia.

MEMBERSHIP: Individual (750), interest in the objectives of the Academy; Student (50), college students, including graduate students; Junior (300), high school students.

MEETINGS: Annual (April).

PROFESSIONAL ACTIVITIES: *Educational:* Cooperates with industry in promoting a program of industrial scholarships for West Virginia students interested in science careers; distributes scholarships to high school students through a science talent search throughout the state; sponsors regional and state science fairs for high school students and awards the winners; distributes AAAS grants for high school student research programs.

PUBLICATIONS: *Proceedings of the West Virginia Academy of Science*, annual, current volume: 42, \$7.50. Editors: John Luchok, Stanley Nels.

523 WEST VIRGINIA PHARMACEUTICAL ASSOCIATION. P.O. Box 1871, Charleston, W. Va. 25327. (304) 344-8348. President: Robert H. Shirey. President-Elect: William S. Coleman, Jr. Executive Secretary: Samuel W. Channell.

HISTORY AND ORGANIZATION: Incorporated February 4, 1907 as the West Virginia State Pharmaceutical Association. Named changed to present title January 27, 1967. *Geographic Divisions:* Fifteen. *Scientific and Technical Committees:* Legislative; President's Special; Professional Relations; Public Relations; Welfare.

PURPOSE: To (1) improve the science and art of pharmacy, inculcate professional spirit and restrict the practice of pharmacy to persons properly qualified by education and experience to exercise their art with safety to the public; (2) encourage such proper relations among pharmacists, physicians, dentists and the people at large as may promote the public welfare and tend to mutual strength and advantage; (3) assist the West Virginia Board of Pharmacy in regulating a system of apprenticeship and employment in keeping with the highest standards of professionalism as outlined in the Association code of ethics; (4) create and maintain a high standard of professional integrity equal to the amount of our professional knowledge with a view to the highest good and greatest protection to the public.

MEMBERSHIP: Member Pharmacy (225); Pharmacist (450); Out-of-State Pharmacist (150); Sustaining, Wholesale.

MEMBERSHIP SERVICES: Collection service; placement service; national representation; legislative lobbying.

MEETINGS: Annual Interim Meeting (Spring); Annual Convention (Summer).

PROFESSIONAL ACTIVITIES: *Research:* Professional relations (Employer-employee). *Educational:* Drug abuse education in profession and in communities. *Prizes and Awards:* Beal Honor Award, biannual, to outstanding W. Va. pharmacist; Board of Directors Award, to outstanding member selected by Board.

PUBLICATIONS: *The West Virginia Pharmacist*, monthly, current volume: 24, \$5. Editor: Samuel W. Channell.

WEST VIRGINIA STATE PHARMACEUTICAL ASSOCIATION. See WEST VIRGINIA PHARMACEUTICAL ASSOCIATION.

524 WHOOPING CRANE CONSERVATION ASSOCIATION, INC. R.R. 1, Box 485A, Kula, Maui, Hawaii 96790. (808) 878-1522. President: Kenton C. Lint. Term expires 1975. Secretary-Treasurer: Jerome J. Pratt. Term expires 1972.

HISTORY: Organized February 1961 in Tucson, Arizona. Incorporated December 28, 1966 in New Mexico.

PURPOSE: To prevent the extinction of the whooping crane through member activity, communications, meetings and publications.

MEMBERSHIP: Life (49); Sustaining Annual (12); Annual (189). Open to anyone with a desire to assist in the perpetuation of the whooping crane.

MEMBERSHIP SERVICES: Clearinghouse for collection and dissemination of information on the whooping crane and its management.

MEETINGS: Annual (Spring).

PROFESSIONAL ACTIVITIES: *Research:* Bibliography of crane publications.

PUBLICATIONS: *Grus Americana*, quarterly, current volume: 10. Editor: Jerome J. Pratt.

525 THE WILDERNESS SOCIETY. 729 15th Street, N.W., Washington, D.C. 20005. (202) 347-1132. President: Sigurd F.

Olsen. Term expires August 1971. Secretary: Michael Nadel. Term expires August 1971. Treasurer: Ernest S. Griffith. Term expires August 1971. Executive Director: Stewart M. Brandborg. Term indefinite.

HISTORY: Formed 1935. Incorporated 1937 in the District of Columbia.

PURPOSE: To (1) secure the preservation of wilderness; (2) carry on an educational program concerning the value of wilderness and how it may best be used and preserved in the public interest; (3) make and encourage scientific studies concerning wilderness; (4) mobilize cooperation in resisting the invasion of wilderness.

MEMBERSHIP: Member; Contributing; Sustaining; Supporting; Sponsoring; Life; Donor; Benefactor; Student; Patron. Open to anyone interested in the objectives of the Society. Total membership: 70,000.

MEMBERSHIP SERVICES: Consultant service for state and local conservation groups; Wilderness Trips Program; conservation alerts and special bulletins for state and local conservation groups on important issues; questionnaire for members to determine how best to meet their local conservation issues; assistance to women's organizations in their conservation programs.

MEETINGS: Annual (August).

PROFESSIONAL ACTIVITIES: *Research:* Sponsorship of national advisory committees on environmental pollution, population and wilderness research; wilderness reviews and de facto wilderness inventories with state cooperators. *Educational:* State-leadership training institutes and workshops. *Prizes and Awards:* Murie-Broome Book Award, annual, to outstanding young persons in wilderness leadership.

PUBLICATIONS: *The Living Wilderness*, quarterly, current volume: 34, \$4. Editor: Richard C. Olson. *Wilderness Report*, quarterly, current volume: 7. Editor: Richard C. Olson.

526 WILDLIFE DISEASE ASSOCIATION. P.O. Box 886, Ames, Iowa 50010. President: Daniel O. Trainer. Term expires August 1971. President-Elect: Lowell Adams. Secretary: Peter F. Olsen. Term expires August 1971. Treasurer: Richard L. Beaudoin. Term expires Summer 1972. Business Manager: William T. Hubbert.

HISTORY AND ORGANIZATION: In March 1951 a group of American and Canadian wildlife specialists attending the annual North American Wildlife Conference in Milwaukee, Wisconsin formed a Committee on Wildlife Diseases. At the 1952 Wildlife Conference held in Miami, Florida, the name was changed to its present form, and an international organization was formulated. Incorporated 1964 in Illinois. *Relationship with Other Societies:* Adherent Society of the American Institute of Biological Sciences.

PURPOSE: To advance knowledge of the effects of infectious, parasitic, toxic, genetic and physiologic diseases and environmental factors upon the health and survival of free-living and captive wild animals upon populations of wild animals and upon their relationship to man by promoting the exchange of new research information concerning these effects between its members and the scientific community.

MEMBERSHIP: Active (800), interest in accomplishing Association's objectives; Subscriber (220); Patron (4).

MEETINGS: Annual (Spring or Summer).

PROFESSIONAL ACTIVITIES: *Research:* Wildlife disease surveillance program; project to study contributions of basic research on wildlife diseases to human welfare; study of feasibility of color microfiche publication of *Atlas of Wildlife*

Pathology, Educational: Waterfowl Disease Symposium, sponsor; Second International Conference on Wildlife Disease, co-sponsor; National Biological Congress, cosponsor; cosponsor of regional meetings concerning specific wildlife disease topics. *Prizes and Awards:* Distinguished Service Award; Emeritus Member.

PUBLICATIONS: *Journal of Wildlife Diseases*, quarterly, current volume: 7, \$15. Editor: Lars Karstad. *Wildlife Disease* (microfiche), irregular, current volume: 56. Editor: Carlton M. Herman.

527 WILDLIFE MANAGEMENT INSTITUTE, INC. 1000 Vermont Avenue, N.W., Washington, D.C. 20005. (202) 347-1774. President: Daniel A. Poole. Term indefinite. Vice-President: Laurence R. Jahn. Term indefinite.

HISTORY AND ORGANIZATION: The program has been continuous since 1911 under several organization names. Incorporated May 8, 1946 in New York State. *Geographic Divisions:* Five.

PURPOSE: To (1) promote research and scientific activities in wildlife restoration, conservation and management and thereby advance the wise use of resources in the broad public interest; (2) develop new and improved research and management methods and demonstrate them for guidance of others; (3) assemble basic information on wildlife and disseminate it through publications and publicity of all types and by personal contacts through field representatives; (4) provide and maintain advisory consulting services; (5) promote and encourage education of individuals in the management of natural resources, especially wildlife, through fellowships and grants.

MEMBERSHIP: Interest in the Institute's objectives. Total membership 215.

MEETINGS: Annual (February or March). Sponsors the North American Wildlife and Natural Resources Conference.

PROFESSIONAL ACTIVITIES: *Research:* Attitudes of landowners toward public use of their lands for recreation purposes; use and value of public owned lands; evaluation of hunting regulations; socio-economic studies of recreation; life history and ecology of individual wildlife species; waterfowl research station at Delta, Manitoba, Canada. *Educational:* Fellowships and research grants in the field of natural resources; support of cooperative wildlife research units at land grant colleges in 18 regions of the U.S.

PUBLICATIONS: *Transactions of North American Wildlife and Natural Resources Conference*, annual, current volume: 36, \$5. Editor: James B. Trefethen. *Outdoor News Bulletin*, bi-weekly, current volume: 25. Editor: Lonnie L. Williamson.

528 THE WILDLIFE SOCIETY, INC. 3900 Wisconsin Avenue, N.W., Washington, D.C. 20016. (202) 363-2435. President: Thomas S. Baskett. Term expires March 1972. President-Elect: Tony J. Peterle. Executive Director: Fred G. Evenden.

HISTORY AND ORGANIZATION: Began as the Society of Wildlife Specialists during the North American Wildlife Conference at Washington, D.C. in 1936. Became The Wildlife Society in 1937 during a North American Wildlife Conference in St. Louis. Incorporated in the District of Columbia on March 25, 1948. *Geographic Divisions:* Seven sections; thirty chapters; twenty-nine student chapters. *Scientific and Technical Committees:* Conservation of Carnivores; Higher Education and Employment; International Affairs; Position Statement; Urban Affairs and Regional Planning. *Relationship with Other Societies:* Cooperative relationships with the American Association for the Advancement of Science, American Association for

Conservation Information, American Fisheries Society, American Institute of Biological Sciences, International Union for Conservation of Nature and Natural Resources, National Research Council, National Wildlife Federation, Natural Resources Council of America and the Wildlife Management Institute.

PURPOSE: To (1) maintain high professional standards among those employed in the wildlife field; (2) encourage management of wildlife along sound biological lines; (3) disseminate information to these ends.

MEMBERSHIP: Honorary and Grátis (41); Life (241); Regular (3,384); Student (1,436); Subscribing (1,433); Sustaining and Official (572). Open to anyone with a serious interest in wildlife conservation and management.

MEMBERSHIP SERVICES: Referrals; information; employment. **MEETINGS:** Annual (early March).

PROFESSIONAL ACTIVITIES: *Educational:* Symposia and workshops in various areas of wildlife professional knowledge. *Prizes and Awards:* Leopold Award; Group Achievement Award.

PUBLICATIONS: *Journal of Wildlife Management*, quarterly, current volume: 35. Editor: Glen C. Sanderson. *Wildlife Society News*, bimonthly. Editor: Willard T. Johns.

529 WISCONSIN PSYCHOLOGICAL ASSOCIATION, INC. 2719 North 67th Street, Milwaukee, Wis. 53210. (414) 774-0888. President: John W. Giebank. Term expires May 1971. President-Elect: Charles S. Cleeland. Corresponding Secretary: H. Thomas Bassett. Term expires May 1972. Treasurer: Walter Johannsen. Administrative Secretary: Carolyn N. Friedman.

HISTORY AND ORGANIZATION: Established in 1950. *Scientific and Technical Committees:* Insurance and Related Social Issues; Private Practice and Professional Affairs; Relations with Psychiatry; Advisory to the Psychology Licensing Board. *Relationship with Other Societies:* Affiliate of the American Psychological Association.

PURPOSE: To advance psychology as a science and as a means of promoting human welfare.

MEMBERSHIP: Member; Associate; Life; Student Affiliate. Requirements for membership are identical to those of the American Psychological Association.

MEETINGS: Triannual (February, May, November).

PROFESSIONAL ACTIVITIES: *Research:* Legislation affecting psychology. *Educational:* Scholarship in process of being sponsored.

PUBLICATIONS: *The Wisconsin Psychologist*, triannual, current volume: 11. Editor: Robert P. Overs.

530 WORLD'S POULTRY SCIENCE ASSOCIATION, UNITED STATES OF AMERICA BRANCH. *Address communications to:* Richard Forsythe, President, 2501 College Street, Springfield, Mo. 60654. (417) 862-4406. President Richard Forsythe. Term expires September 1974. Secretary-Treasurer: Carl Hess. Term expires September 1974.

HISTORY AND ORGANIZATION: Incorporated 1969 in Illinois. *Relationship with Other Societies:* Branch of the World's Poultry Science Association.

PURPOSE: To further and exchange knowledge throughout the world of the art and science of poultry husbandry.

MEMBERSHIP: Individual (700), interest in the objectives of the Association and a connection with the poultry industry; Affiliate (50), associations and business firms concerned with the poultry industry.

MEETINGS: Annual.

PUBLICATIONS: *World's Poultry Science Journal*, quarterly, current volume: 27, \$4.75. Editor: R. George Jaap.

531 THE WYOMING GEOLOGICAL ASSOCIATION. P.O. Box 545, Casper, Wyo. 82601. President: James M. Hunter. Term expires November 1971. Secretary: Robert S. Emmanuel. Term expires November 1971. Treasurer: Donald L. Curry. Term expires November 1971.

HISTORY AND ORGANIZATION: Originated December 1943. Constitution and by-laws adopted February 1945. Incorporated September 1950 in Wyoming. *Scientific and Technical Committees:* Library History & Archives; Technical Studies; Education; Professional Standards; Public Issues; Continuing Education; Oil and Gas Fields Symposium; Field Conference. *Relationship with Other Societies:* Affiliated with American Association of Petroleum Geologists (AAPG) and its Rocky Mountain Section.

PURPOSE: To aid the industrial and productive interests of the State of Wyoming or any political subdivision thereof through scientific advancement in the science of geology, more particularly as such geology relates to the development of the petroleum and natural gas resources of the State of Wyoming but without any purpose of direct gain to said corporation.

MEMBERSHIP: Active (671) upon application, any person

eligible for membership, junior membership, or associate membership in AAPG, or any person recipient of a degree in geochemistry, paleontology, petroleum engineering or mining engineering; Honorary Life (14), any person deemed by the Board of Directors and membership to have made outstanding and conspicuous contributions to the geologic profession or to the Association; Associate (16), upon application, person whose interests are closely associated with the profession of geology, but who is not eligible for full membership.

MEMBERSHIP SERVICES: Continuing education programs; inclusion in membership directory; employment clearinghouse.

MEETINGS: Weekly and as announced.

PROFESSIONAL ACTIVITIES: *Educational:* AAPG continuing education programs and field trips for high school science teachers and other interested groups; slides and other materials supplied to secondary school teachers; Geology Scholarship (Casper College); Grants-in-Aid Fund (University of Wyoming). *Prizes and Awards:* Best Speaker Award, annual, best presentation by member.

PUBLICATIONS: *Earth Science Bulletin*, quarterly, current volume: 4, \$5. Editor: Richard B. Landon. *Wyoming Geological Association Guidebook*, annual, current volume: 23. Editor: Arthur R. Renfro. *Directory of Members*, annual, current volume: 1971. Editor: John J. Haverfield. *Wyoming Oil and Gas Fields*, irregular. Editor: David L. Egleston.

Questionnaire



NATIONAL ACADEMY OF SCIENCES
NATIONAL ACADEMY OF ENGINEERING
NATIONAL RESEARCH COUNCIL

HERNER
COMPANY

Scientific, Technical, and Related Societies of the United States

Ninth Edition

Society Description Form

Scope of Coverage

1. Entries in the compendium are limited to membership societies that are devoted to particular scientific, engineering, and other technical disciplines for groups of disciplines and professions and are primarily committed to the study, development, and dissemination of knowledge in the disciplines and professions represented.

2. Excluded are trade associations, institutions composed principally of paid staffs, county and small city medical and engineering societies, strictly undergraduate groups, and fund-raising organizations. Also excluded, in general, are those societies whose members are not personally involved in the scientific and technical aspects of a subject field.

Instructions

1. Information furnished should be typewritten or printed legibly in ink (with the former preferred).

2. If more space is required for answering any particular question, place a check in the box provided, to signify that your response is continued or is answered entirely on a separate sheet of paper. Be sure to number each such continued entry to correspond with the related item on the questionnaire.

3. Please do not use abbreviations in furnishing the requested information; spell out all items to ensure that they are presented correctly in the published directory.

4. Mail completed questionnaire and address all inquiries to:

PROJECT STARSUS
Herner and Company
2100 M Street, N.W.
Washington, D.C. 20037

5. The deadline for returning the completed form is February 22, 1971, but return of the form prior to that date will be appreciated and will help ensure accuracy in the transfer of information to the printed page. A prepaid, self-addressed envelope is enclosed for your convenience.

Part A: General Descriptive Information

- 1 Official name of the society as given in constitution or by-laws:

- 2 If the society has a permanent headquarters, please furnish the following information.

Individual to whom communications concerning the society should be addressed:

Name _____ Title _____
Street Address _____ City _____
Area Code _____ Telephone _____ State _____ Zip _____

- 3 If the society does not have a permanent headquarters, please furnish the following information.

Individual to whom communications concerning the society should be addressed:

Name _____ Title _____
Street Address _____ City _____
Area Code _____ Telephone _____ State _____ Zip _____

Until what date (month and year) will the foregoing name and address be valid
(if indefinite, please so state): _____

Part B: Officers of the Society

- 4 *Incumbent Officers:* In the blanks provided below, please give the names and addresses of the society's major elected incumbent officers and the titles of their offices in the society (e.g., President, President-Elect, Secretary, Treasurer, Chairman of Board).

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

- 5 *Officers-Elect:* If the terms of any officers named above are expiring and the identities of officers-elect are known at this time, please furnish the names and addresses of these officers and the titles of their offices in the society (e.g., President-elect).

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Date term expires (if indefinite, please so state): _____

Part C: Background and History of the Society

- 6 Please give a brief narrative summary of the history of the society (include the year and place where the society was founded or first organized, the society's former names and dates of name changes, mergers with other societies and the dates of such mergers, as well as any additional historical data that you believe are significant or are pertinent to an understanding of the society's historical background and development).

If continued or answered on separate sheet, please check here ☐

- 7 If the society is incorporated and the information is not given in Question 6, above, give the year and State where incorporated.

Year	State
------	-------

- 8 Please list any societies with which your society is federated, is administratively affiliated, or of which your society is otherwise a part and specify the nature of these relationships. (NOTE: If your society is itself a federation of several societies, please list these societies under Question 9.)

Names of societies	Nature of relationships
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If continued or answered on separate sheet, please check here ☐

- 9 Please name any society or societies (*other than divisions or chapters*) that are subsumed within your society and specify the nature(s) of the relationship(s). (If your society is *itself* a federation of several societies, please so indicate and list the member societies here.)

Names of societies	Nature of Relationships
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If continued or answered on separate sheet, please check here ☐

Part D: Purpose and Scope of the Society

- 10 Please provide a brief narrative description of the general purposes of the society, *preferably as those purposes are stated in the society's constitution or by-laws*.

If continued or answered on separate sheet, please check here ☐

- 11 In the spaces provided below, please list scientific and technical words and phrases that indicate as specifically as possible the major subject areas with which the society is concerned (e.g., "animal psychology," "immunology," "geological engineering," "mineral exploration," "fertilizers," "hazardous substances," "logistics management").

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If continued or answered on separate sheet, please check here ☐

Part E: Divisions and Chapters of the Society

- 12 Does your society have *major* geographic divisions and chapters?
☐ Yes (give total number of such divisions and chapters): _____
☐ No
- 13 Does your society have *specialty* divisions or sections? (Do not include member societies, if any, listed under Questions 8 or 9.)
☐ Yes (give total number of such divisions and sections): _____
☐ No (Proceed to Question 15)
- 14 If you answered "Yes" to Question 13, please list the names of these specialty divisions and sections below:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If continued or answered on separate sheet, please check here ☐

Part F: Membership, Membership Services, and Meetings

- 15 In the blanks below, list each different class or category of membership (e.g., individual, associate, student, fellows, corporate, etc.), the number of members in each category at present, and briefly state the membership requirements for each category:

Designation of Membership Category	No. of Members In This Category	Membership Requirements for This Category
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

If continued or answered on separate sheet, please check here ☐

- 16 Please enumerate below the different kinds of services that the society provides its members other than publications and meetings. (If the society is a federation of several societies, specify the services provided to these societies; also include services provided directly to individual members of constituent societies, unless these services are provided only through or by the constituent societies.)

- 17 Please give the frequency of meetings of the society as a whole and the approximate times of the meetings. If several meetings are listed, place an asterisk by the meeting that is most important.

Frequency ("annual," "semi-annual," etc.)	Time (actual months, if possible; otherwise "Fall," "Spring," etc.)
_____	_____
_____	_____
_____	_____

Part G: Professional Activities

- 18 Please list below all *major scientific and technical* standing committees, commissions, or councils of the society. (Give full, formal titles, e.g., "Committee on Behavioral Classification," "Committee on Ashing Methods," "Committee for Research on Smoking and Health." Exclude administrative committees, such as finance, public affairs, etc.)

PLEASE NOTE that the following series of three questions deals *first*, with the society's research activities and research sponsorship; *second*, with the society's educational activities and sponsorship of scholarships; and *third*, with the society's awards, prizes, and medals.

- 19 Please list briefly the main *research and study* activities or projects that are *currently* being conducted or sponsored by the society. *Include* both scientific and technical research projects and other activities such as membership surveys.

If continued or answered on separate sheet, please check here ☐

- 20 Please list the educational activities of the society. (*Exclude* publication activities, but *include* activities such as courses conducted or sponsored and scholarships and fellowships. Also state *purposes* of scholarships and fellowships and the monetary awards involved, unless the information is confidential.)

If continued or answered on separate sheet, please check here ☐

- 21 Please list prizes, medals, and other awards (not described in preceding questions) that are sponsored by the society. Give the *purposes* and *frequencies* of the awards if not explicit in the formal titles of the awards.

Part H: Publication Activities

- 22 Please furnish the information requested below for each *serial* publication *currently* issued by the society. (Include journals, newsletters, bulletins, proceedings, and directories.)

- NOTE:** (a) Please give full correct title of publication and alternate title if any; also give former title if title has changed.
 (b) If publication schedule is irregular, please so state.
 (c) For "Current Volume Number," give volume number for issues published in 1971. If no volume number is used, give issue numbers or other appropriate designations; if volumes are unnumbered, please so state.
 (d) Give correct title (e.g., "Editor-in-Chief") as well as name of editor.

(1) Full correct title _____
 Alternate title, if any _____
 Former title(s), if any _____
 Publication frequency _____ Current Vol. No. _____ Subscription prices _____
 Name of editor _____ Title of editor _____
 Complete mailing address of editor _____

(2) Full correct title _____
 Alternate title, if any _____
 Former title(s), if any _____
 Publication frequency _____ Current Vol. No. _____ Subscription prices _____
 Name of editor _____ Title of editor _____
 Complete mailing address of editor _____

(3) Full correct title _____
 Alternate title, if any _____
 Former title(s), if any _____
 Publication frequency _____ Current Vol. No. _____ Subscription prices _____
 Name of editor _____ Title of editor _____
 Complete mailing address of editor _____

(4) Full correct title _____
 Alternate title, if any _____
 Publication frequency _____ Current Vol. No. _____ Subscription prices _____
 Name of editor _____ Title of editor _____
 Complete mailing address of editor _____

(5) Full correct title _____
 Alternate title, if any _____
 Former title(s), if any _____
 Publication frequency _____ Current Vol. No. _____ Subscription prices _____
 Name of editor _____ Title of editor _____
 Complete mailing address of editor _____

If continued or answered on separate sheet, please check here ☐

23

The publishers of this compendium are endeavoring to make the ninth edition the most complete and accurate reference source of its kind. We have thoroughly investigated all sources available and distributed approximately 1,200 forms, but we are certain there are other organizations, either newly established or newly qualifying, of which we have no knowledge. Your suggestions (listed below) of new or additional societies will be greatly appreciated and certainly will prove beneficial to our colleagues through this and future editions to be published periodically.

Society Name _____
 Person to Contact _____
 Address _____

Society Name _____
 Person to Contact _____
 Address _____

Society Name _____
 Person to Contact _____
 Address _____

The information in this questionnaire is furnished by:

Name: _____ Position or title: _____

Telephone (include Area Code): _____

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